

The Syndicate

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1 Prof. (Dr.) K.N MADHUSOODANAN	Vice Chancellor Cochin University of Science and Technology Kochi 682022
2 Prof. (Dr.) P.G SANKARAN	Pro-Vice Chancellor Cochin University of Science and Technology Kochi 682022
3 The Director of Technical Education	Directorate of Technical Education Padmavilasom Road, Thiruvananthapuram 695023
4 The Secretary to Government, Higher Education Department	Higher Education Department Government Secretariat, Thiruvananthapuram 695001
5 The Secretary to Government, Finance Department	Finance Department Government Secretariat, Thiruvananthapuram 695001
6 The Executive Vice-President, Kerala State Council for Science, Technology and Environment	Kerala State Council for Science, Technology and Environment Sasthra Bhavan, Pattom P.O., Thiruvananthapuram 695004
7 Dr. Poornima Narayan R	Ranjini, Pozhoth Lane Kaloor-Kadavanthra Road, Kochi 682017

	Name	Address
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1 0	Dr. S.M. Sunoj	Professor Department of Statistics CUSAT, Kochi 682022
1 1	Sri. C.J. George	Managing Director Geojit Financial Services Ltd. 34/659-P Civil Line Rd Padivattom, Kochi 682024
1 2	Dr. Sasi Gopalan	Professor Department of Mathematics CUSAT, Kochi 682022
1 3	Dr. Shiny Paul	Associate Professor Department of Electrical & Electronics, CUCEK Pulincunnoo Alappuzha 688504
1 4	Sri. K.K. Krishnakumar	Centre for Socio-Economic & Environmental Studies (C.S.E.S), Khadi Federation Building Padivattom, N.H. Bye pass, Kochi 682024

	Name	Address
1 5	Dr K Ajitha	Dean, Faculty of Humanities Professor & Head Department of Hindi 682022
1 6	Dr V. Sivanandan Achari	Dean, Faculty of Environmental Studies Professor School of Environmental Studies 682022
1 7	Dr. K C Sunny	Dean, Faculty of Law Vice Chancellor NUALS 683503
1 8	Dr. Sreejith P S	PrIncipal Ashtapathy, Kaniankunnu East Kadungallur, U C College 683102

ACADEMIC COUNCIL

People who work in the University's Administration and Services are essential for supporting the mission of CUSAT. These employees deal with everything from the University's human and financial resources to health and safety matters. Syndicate, Academic Council, Senate and the Boards of Studies in different faculties are the Principal Authorities of the university. Syndicate is the Chief Executive Body which meets every month.

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CURRICULUM VITAE

- 1 Name in full : Prof.(Dr.)K.N.Madhusoodanan
2 Date of birth : May 30, 1961
3 Nationality : Indian
4 Designation and Address : Vice-Chancellor
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6 Personal details : Married, with 2 children

7 Academic career and Professional attainments

Qualification	Year	University	Subject/Topic of Specialization
Ph.D.	1989	Cochin University of Science and Technology	Physics - Properties of semiconducting chalcogenide glasses
M.Sc.	1983	Cochin University of Science and Technology	Physics - Solid state Physics
B.Sc.	1981	Calicut University	Physics

8 Awards/Recognitions:

Position	Duration	Institution
UGC NET - JRF & CSIR SRF	1985 - 1989	Department of Physics, Cochin University of Science and Technology
Research Associate	1990 - 1992, 1993	Department of Physics, Indian Institute of Science, Bangalore
Research Fellowship under TRIL program of International Centre for Theoretical Physics, (ICTP), Trieste, Italy and University visiting Fellowship	1992 - 1993, 1994 & 1996	Department of Mechanical Engineering, II University Roma, Italy
Post-Doctoral Research Fellowship	1994 - 1995	Department of Physics, Catholic University, Leuven, Belgium
Visiting Scientist/Research Associate	1999, 2001 - 2002 & 2003	Institute for ion beam physics and materials research, Research Centre Rossendorf, Dresden, Germany

9 Academic Teaching and Research Experience:

Position	Duration	Institution
Reader	1995 - 2004 (9 years.)	Cochin University of Science and Technology
Professor	2004 onwards (14 years)	Cochin University of Science and Technology

10 Academic Administrative Experience

Position	Duration	Institution
Assistant Warden (University Hostel)	1998 – 2001 (3 years)	Cochin University of Science and Technology
Head of the Department	2000 – 2001 2002 – 2003 2003 – 2011 and from August 2016 – February 2019 (12 years)	Department of Instrumentation Cochin University of Science and Technology
Dean, Faculty of Engineering and Technology	2008 – 2010 (2 years)	Mahatma Gandhi University, Kottayam
Member, Syndicate	2011	Cochin University of Science and Technology
Registrar in charge, CUSAT	From January, 2019 to April 2019	Cochin University of Science and Technology
Vice-Chancellor	Since 25.04.2019	Cochin University of Science and Technology

11 International/National Academic Exposure:

Role	Institution	Position Held	Period
Post-Doctoral Research – Research work on Semiconducting Chalcogenide glasses	Department of Physics, Indian Institute of Science, Bangalore	Research Associate	1990 – 1992 & 1993
Post-Doctoral Research – Research work on Amorphous and ion implanted semiconductors and CVD diamond.	Department of Mechanical Engineering, II University Rome, Italy	ICTP TRIL Research Fellow/University visiting Fellow	1992–1993, 1994 & 1996
Post-Doctoral Research – Research work on phase transitions in liquid crystals and C ₆₀ using photo-thermal and adiabatic calorimetry	Department of Physics Catholic University, Leuven, Belgium	University Post-Doctoral Research Fellow	1994 – 1995
Research work on nano-layer formation and electrical activation in ion implanted silicon carbide	Institute for Ion Beam Physics and Materials Research, Research Centre Rossendorf, Dresden, Germany	Visiting Scientist/Research Associate	1999, 2001 – 2002 & 2003

12 Membership in Professional Bodies

Life Member – Acoustical Society of India, LM 317

Life Member – Indian Physics Association, LM 11408

Membership in various Board Studies, Faculty, Academic Council, Various Selection Committees, Referee for journals, Project review committees etc.

13 Conferences organised : 11

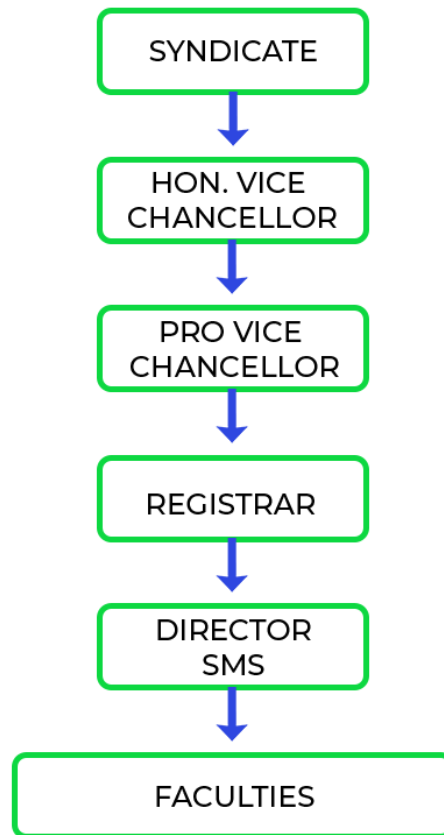
14 Research Guidance: Ph.D. produced – 4; Ph.D. undergoing – 8

15 Research Projects undertaken: 4

16 Conferences : International – 12; National – 64

17 Publications : Referred Journals – 90; Conference Proceedings – 26; Book Chapter – 5

Organizational Chart



SUBJECT (PEDAGOGY)

Mba (full-time)



Being in the business of creating industry-ready leaders, SMS is always reinventing itself to stay ahead of the competition. To meet the unique mandates of Industry 4.0, the MBA syllabus has been systematically designed using an outcome-based approach that caters to a holistic, international and blended learning experience. High standards are maintained in delivery as well with highly qualified and experienced faculty members available to students in the ratio of 1:7.

As one of the best B-Schools in Kerala, SMS CUSAT offers a comprehensive educational curriculum geared toward the holistic development of students, complete with traditional and cultural programmes, rewarding club activities as well as leadership seminars and conclaves to enable seamless knowledge sharing and communication. Students of this top-notch MBA college enjoy a fulfilling experiential learning environment that includes lectures, case studies, seminars, role plays, syndicates, field work, mini projects, industry visits, flipped classrooms and business simulation exercises that forms a regular part of classroom learning.

Students are encouraged to enroll in Value-added courses and Add-on programmes including MOOCs (Massive Open Online Courses) offered by the institute as well as those offered by globally reputed institutions as part of the grading system. Business simulations are also offered to enable a gamified approach to teaching while also strengthening their basics. Business simulations are offered in domains like Marketing, Finance, Operations and Entrepreneurship, with the promise of enabling complex decision-making capabilities and risk assessment skills of students.

Students also work on a two month independent research study-cum-internship at a registered corporation in their final year and present a dissertation as part of the evaluation process. Special care is given to advanced learners in the form of live projects and industry-institute interactions as well as for slow learners through remedial classes, SAY exams and intensive placement training.

LIBRARY

SCHOOL OF MANAGEMENT STUDIES

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

The School of Management Studies Library provides access to the following library resources:

Print Resources:

Books	Titles	29000
	Volumes	20926
	Total	49926
Subject Journals	20	
Newspaper	7	
Magazines	3	

Electronic Resources:

Sl.No.	Item Name	Item Type
1	ELSEVIER SCIENCE DIRECT	E-Databases
2	EMERALD	
3	PROQUEST ONE BUSINESS	
4	JSTOR	
5	WEB OF SCIENCE	
6	SCOPUS	
7	CMIE PROWESS IQ	
8	EPWRF ITS	
9	WILEY	E-Journals
10	OXFORD UNIVERSITY PRESS	
11	TAYLOR AND FRANCIS	
12	SPRINGER	
13	91 E-BOOKS FROM DIFFERENT PUBLISHERS	E-Books In Management Studies
14	SPRINGER E-BOOK COLLECTION	

Resource Sharing:

The library is part of the following consortia

1	JGATE PLUS (JCCC)
2	e-SHODHSINDHU
3	DELNET

Digital Library:

1	DYUTHI	E-THESES REPOSITORY of CUSAT
2	DIGITAL LIBRARY	Hosts the previous question papers, syllabus, etc
3	NDL	SOUTH ASIA ARCHIVE

Book Bank: 2068 books

Research Tool:

1	GRAMMARLY
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SMS Library Website:

<http://smscusatlib.weebly.com/>

The website provides access to the catalogue of SMS Library as well as CUSAT University Library. Links to the purchased e-books in Management and allied subjects are provided in the website. New addition list, virtual reference desk, are the other features.

List of Indian Journals/Periodicals subscribed:

Sl.No.	Name of Management Journals
1	Dhanam
2	Finance India
3	Indian Journal of Economics & Research: Arthshastra
4	Indian Journal of Finance
5	Indian Journal of Marketing
6	Indian Journal of Management: Prabandhan
7	International Journal of Banking risk and Insurance

8	International Journal of Financial Management
9	Journal of Supply Chain Management Systems
10	Productivity
11	Sage: Asia Pacific Journal of Management Research and Innovation
12	Sage: Asian Journal of Management Cases
13	Sage: Global Business Review
14	Sage: IIM Kozhikode Society and Management Review
15	Sage: Journal of Entrepreneurship
16	Sage: Management and Labour Studies
17	Sage: South Asian Journal Business and Management Cases
18	Sage: Vikalpa: The Journal for Decision Makers
19	Taxman's Corporate Professionals Today
20	Case Folio IUP-ICFAI
	Name of Dailies
21	Indian Express
22	The Hindu
23	Economic Times
24	Business Line
25	Times of India
26	Malayala Manorama
27	Mathrubhumi
	Name of Magazines
28	Ezhuthu
29	Frontline
30	India Today

University Library Collection:

Print Books on Management and allied subjects: appro. 10000

School of Management Studies Library: a brief outline

The School of Management Studies (SMS) Library is one of the biggest B-School Libraries in the country. With a holding of around 50,000 books and documents, the library stands as the busiest place in the SMS. In addition to print resources, the library provides access to a large number of electronic resources including e-databases, e-books, e-theses, e-journals, digital library, etc. The services provided by the SMS Library includes:

Sl. No.	SERVICES
1	Lending
2	OPAC
3	Reprography
4	Electronic Document Delivery
5	Library Orientation Programmes
6	User Awareness Programmes
7	Research Support Service
8	Training Programmes/ Workshops
9	Personalised Information Services for Scholars and Faculty Members

The library organizes regular workshops/ training programmes/ seminars as part of its Research Support Service. The events hosted by the library during the last three years:

Sl. No.	Events	Date
1	National Webinar on Academic Publishing and Research Metrics	2020, OCT 7,8,9
2	Workshop on Online Literature Search for PhD Scholars	2021, FEB 18
3	Workshop on Online Literature Search for MPhil Scholars	2021, MAR 22
4	Online Training on Financial Databases	2021, AUG 3
5	Online Training on ProQuest One Business	2021, OCT 6
6	Online Workshop of EPWRFITS	2022, MAY 30

Criteria 10- Admission

Number of seats sanctioned with the year of approval	120 sanctioned plus 28 supernumerary = 148 seats for full time MBA seats. (2022) 30 sanctioned plus 7 supernumerary = 37 Seats for part time MBA. (2022)														
Number of Students admitted under various categories each year in the last three years	FULL TIME MBA														
	Year	SC	ST	OEC	Gen	EWS	DAC	Sports	Lakshadweep	Transgender	International	Army	OBC	Total	
	2019	10	2	11	60	-							37	120	
	2020	10	2	11	60	12	4	1	0	0	1	0	37	138	
	2021	10	2	11	60	12	1	1	1	0	1	0	36	135	
	PART TIME MBA														
	YEAR	SC	ST	OBC	Gen	EWS (exp)	EWS	DAC	Lakshadweep	Transgender	International	Army	Others	Total	
	2019	2	1	3	15								10	31	
	2020	2	0	3	15	2	1	0	-	-	-	-	8	31	
	2021	2	0	3	16	1	1						7	30	
	Number of applications received during last two years for admission under Management	Applications Received													
		YEAR		Total Applications Received					Management Quota						
		2020		1245					No Management quota (only merit and reservations as per Government norms)						
2021		1860					No Management quota (only merit and reservations as per Government norms)								

Quota and number admitted	
Criteria 11-Admission Procedure	
Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)	A. CAT (conducted by IIMs) CAT Centre C/o. Admissions Office, Indian Institute of Management Ahmedabad, Vastrapur, Ahmedabad – 380 015, Gujarat, India. URL: https://iimcat.ac.in/per/g01/pub/756/ASM/WebPortal/1/index.html?756@@1@@1#! B. CMAT (conducted by NTA) National Testing Agency C-20 1A/8 ,Sector 62 IITK Outreach Centre, NOIDA-201309 URL: https://cmat.nta.nic.in/ C. KMAT (Conducted by Commissioner of Entrance Examination, Government of Kerala) The Commissioner for Entrance Examinations Fifth Floor, Housing Board Buildings Santhi Nagar, Thiruvananthapuram-695 001 URL: https://www.cee.kerala.gov.in/kmat2022/
• Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/	147 full time MBA seats and 37 parttime MBA seats No specific quota for a particular test is maintained. The test scores received are normalized with appropriate statistical normalization models to arrive at normalized score among the three entrance test considered (viz. CAT/CMAT/KMAT). Based on the normalized score, the short list is prepared. Further, from the shortlist, 5 times of the available seats are called for personal interview and group discussion. The weightage of marks is as follows: • Normalized score of entrance test :70% • Personal interview: 15% • Group discussion: 15% The final rank list is prepared accordingly considering the weighted scores of the above components. The applicable government reservations are maintained and procedures followed.

Association conducted test etc.)	
Calendar for admission against Management/vacant seats:	
Last date of request for applications	01/02/2022
Last date of submission of applications	30/05/2022
Dates for announcing final results	06/07/2022
Release of admission list (main list and waiting list shall be announced on the same day)	06/07/2022
Date for acceptance by the candidate (time given shall in no case be less than 15days)	22/07/2022
Last date for closing of admission	30/07/2022
Starting of the Academic session	01/08/2022
The waiting list shall be activated only on the expiry of date of main list	Yes, only after the mail list is exhausted, waiting list is called
The policy of refund of the Fee, in case of withdrawal, shall be clearly notified	Full refund in case of withdrawal of admission.
Criteria 12- Criteria and Weightagesfor Admission	
Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.	The test scores received are normalized with appropriate statistical normalization models to arrive at normalized score among the three entrance test considered (viz. CAT/CMAT/KMAT). Based on the normalized score, the short list is prepared. Further, from the shortlist, 5 times of the available seats are called for personal interview and group discussion. The weightage of marks is as follows: • Normalized score of entrance test :70% • Personal interview: 15% • Group discussion: 15%

	The final rank list is prepared accordingly considering the weighted scores of the above components. The applicable government reservations are maintained and procedures followed.
Mention the minimum Level of acceptance, if any	50% marks for graduation
Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years	Not applicable. From the shortlisted candidates, 5 times the number of available seats for each respective category are called for interview.
Display marks scored in Test etc. and in aggregate for all candidates who were admitted	List attached Attachment 1
Criteria 13- List of Applicants	
List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats.	List attached Attachment 2
List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)	No Management quota

Normalization Formula accepted by the admission committee appointed by the University is presented below:

MBA (2021) Admission – Normalization of Test Scores

There are three different MBA Entrance Tests available, namely IIM_CAT, CMAT and KMAT. We have taken CMAT as the baseline Test score, and other test scores (IIM_CAT and KMAT) were converted to CMAT100 Test scores using simple linear regression technique.

As these entrances tests were evaluated in different total marks (IIM_CAT – 300 Marks, KMAT – 720 Marks), to make them in a uniform scale, we have first converted the raw test scores of IIM_CAT and KMAT to out of 100 using the following formula

$$IIM_CAT100 = \frac{IIM_CAT}{300} \times 100$$

$$KMAT100 = \frac{KMAT}{720} \times 100.$$

Next, the data were analyzed and following conversion equalizations for parity were applied. The linear regression technique is applied to identify the model. We have taken only the pair of observations with non-zero/non-influential scores for model building; otherwise the model will be greatly influenced by these observations.

$$Eqv - IIM_CAT100(CMAT100) = 39.614 + (2.123 \times IIM_CAT100)$$

$$Eqv - KMAT100(CMAT100) = -5.936 + (2.194 \times KMAT100).$$

The above two models are used to estimate the equivalency to CMAT scores based on each of IIM_CAT100 and KMAT100 scores. The parity scores for IIM_CAT100 and KMAT100 were applied and the candidates were awarded the maximum of the three scores, namely CMAT100, Eqv-IIM_CAT100(CMAT100) and Eqv-KMAT100(CMAT100). The maximum score can be taken as the TEST score OUT of 100 for the candidates for the ranking. Wherever tie occurs in ranks, the priority may be fixed as per University rules.

Attachment 1**Marks scored in Test etc. and in aggregate for all candidates who were admitted.**

									Normalized Marks			
SI No	Register No	IIM CAT Score	CMAT Score	KMAT Score	IIM CAT 100	CMAT 100	KMAT 100	CMAT 100	PRED_IIMCAT	PRED_KMAT	MAXIMUM	RANK
1085	138576	0	0	364	0	0	50.55555556	0	39.614	104.9828889	104.9828889	8
1498	141685	0	0	352	0	0	48.88888889	0	39.614	101.3262222	101.3262222	10
1247	140896	0	0	350	0	0	48.61111111	0	39.614	100.7167778	100.7167778	11
465	114745	27.79	0	349	9.26333333	0	48.47222222	0	59.28005667	100.4120556	100.4120556	13
499	115969	53.03	96.2334564	348	17.67666667	96.2334564	48.33333333	96.2334564	77.14156333	100.1073333	100.1073333	14
1055	138216	0	99.1190431	0	0	99.1190431	0	99.1190431	0	0	99.1190431	16

74	10158 1	1	96.41921 4	340	0.3333333 33	96.41921 4	47.222222 22	96.41921 4	1	97.669555 56	97.669555 56	20
671	12177 1	0	69.17410 29	338	0	69.17410 29	46.944444 44	69.17410 29	39.614	97.060111 11	97.060111 11	21
731	12432 9	0	96.81440 44	304	0	96.81440 44	42.222222 22	96.81440 44	0	86.699555 56	96.814404 4	22
871	13214 4	0	95.91797 99	1	0	95.91797 99	0.1388888 89	95.91797 99	0	1	95.917979 9	25
81	10168 4	0	88.55417 05	328	0	88.55417 05	45.555555 56	88.55417 05	39.614	94.012888 89	94.012888 89	30
118 2	14049 2	0	0	328	0	0	45.555555 56	0	39.614	94.012888 89	94.012888 89	31
143 9	14145 5	0	0	321	0	0	44.583333 33	0	39.614	91.879833 33	91.879833 33	35
259	10644 9	1	77.45206	319	0.3333333 33	77.45206	44.305555 56	77.45206	1	91.270388 89	91.270388 89	37
242	10583 4	0	62.19100 06	316	0	62.19100 06	43.888888 89	62.19100 06	0	90.356222 22	90.356222 22	40

92	101968	0	90.2546938	255	0	90.2546938	35.41666667	90.2546938	0	71.76816667	90.2546938	41
38	100675	0	89.9622961	258	0	89.9622961	35.83333333	89.9622961	0	72.68233333	89.9622961	42
155	103269	33.01	89.9622961	296	11.00333333	89.9622961	41.11111111	89.9622961	62.97407667	84.26177778	89.9622961	43
1598	142361	0	89.6775931	0	0	89.6775931	0	89.6775931	0	0	89.6775931	46
80	101657	0	88.9542936	304	0	88.9542936	42.22222222	88.9542936	0	86.69955556	88.9542936	50
1035	137885	20.18	88.5541705	271	6.7266666667	88.5541705	37.63888889	88.5541705	53.89471333	76.64372222	88.5541705	51
1502	141699	0	88.5541705	221	0	88.5541705	30.69444444	88.5541705	0	61.40761111	88.5541705	52
1561	142087	1	1	310	0.3333333333	1	43.05555556	1	1	88.52788889	88.52788889	53
926	134868	38.44	88.2309942	248	12.81333333	88.2309942	34.44444444	88.2309942	66.81670667	69.63511111	88.2309942	54

160 8	14242 5	0	87.92861 21	0	0	87.92861 21	0	87.92861 21	0	0	87.928612 1	55
841	13082 5	32.22	87.63242 83	97	10.74	87.63242 83	13.472222 22	87.63242 83	62.41502	23.622055 56	87.632428 3	56
128 9	14098 9	0	0	307	0	0	42.638888 89	0	0	87.613722 22	87.613722 22	58
134 9	14115 2	0	0	305	0	0	42.361111 11	0	0	87.004277 78	87.004277 78	63
104 1	13796 9	0	86.97930 51	0	0	86.97930 51	0	86.97930 51	0	0	86.979305 1	64
66	10135 2	0	86.74976 92	0	0	86.74976 92	0	86.74976 92	0	0	86.749769 2	65
149 0	14163 8	0	0	303	0	0	42.083333 33	0	0	86.394833 33	86.394833 33	68
135	10287 9	1	85.93506 74	210	0.3333333 33	85.93506 74	29.166666 67	85.93506 74	1	58.055666 67	85.935067 4	73
176 7	14339 6	28.69	85.88027 09	0	9.5633333 33	85.88027 09	0	85.88027 09	59.916956 67	0	85.880270 9	77

921	13481 0	0	84.69337 38	0	0	84.69337 38	0	84.69337 38	0	0	84.693373 8	80
141 5	14134 8	0	84.26428 71	0	0	84.26428 71	0	84.26428 71	0	0	84.264287 1	83
165 9	14271 0	0	0	293	0	0	40.694444 44	0	0	83.347611 11	83.347611 11	86
130	10280 4	0	83.33333 33	222	0	83.33333 33	30.833333 33	83.33333 33	0	61.712333 33	83.333333 3	87
346	10957 2	14.19	83.33333 33	0	4.73	83.33333 33	0	83.33333 33	49.65579	0	83.333333 3	88
674	12183 0	0	83.33333 33	207	0	83.33333 33	28.75	83.33333 33	0	57.1415	83.333333 3	89
145	10302 9	0	83.20486 05	0	0	83.20486 05	0	83.20486 05	0	0	83.204860 5	90
113 2	13960 9	0	82.49076 64	212	0	82.49076 64	29.444444 44	82.49076 64	0	58.665111 11	82.490766 4	94
148 0	14158 4	0	82.30112 02	0	0	82.30112 02	0	82.30112 02	0	0	82.301120 2	96

898	13385 9	0	82.03678 05	0	0	82.03678 05	0	82.03678 05	0	0	82.036780 5	99
828	12951 3	0	81.91380 29	222	0	81.91380 29	30.833333 33	81.91380 29	0	61.712333 33	81.913802 9	100
110 7	13900 2	32.35	81.64050 48	243	10.783333 33	81.64050 48	33.75	81.64050 48	62.507016 67	68.1115	81.640504 8	103
4	10008 2	0	81.08600 72	1	0	81.08600 72	0.1388888 89	81.08600 72	0	1	81.086007 2	108
974	13646 4	1	81.00954 14	1	0.3333333 33	81.00954 14	0.1388888 89	81.00954 14	1	1	81.009541 4	110
350	10987 1	1	52.97892 54	285	0.3333333 33	52.97892 54	39.583333 33	52.97892 54	1	80.909833 33	80.909833 33	111
364	11017 3	37.28	80.53540 92	282	12.426666 67	80.53540 92	39.166666 67	80.53540 92	65.995813 33	79.995666 67	80.535409 2	113
163 4	14255 8	0	80.53540 92	0	0	80.53540 92	0	80.53540 92	0	0	80.535409 2	115
784	12687 7	18.65	80.49784 55	210	6.2166666 67	80.49784 55	29.166666 67	80.49784 55	52.811983 33	58.055666 67	80.497845 5	117

669	12174 2	0	79.67451 52	255	0	79.67451 52	35.416666 67	79.67451 52	0	71.768166 67	79.674515 2	120
518	11644 9	1	79.31286 55	1	0.3333333 33	79.31286 55	0.1388888 89	79.31286 55	1	1	79.312865 5	122
140	10296 9	0	79.31270 17	262	0	79.31270 17	36.388888 89	79.31270 17	0	73.901222 22	79.312701 7	124
169 2	14288 0	1	79.31270 17	1	0.3333333 33	79.31270 17	0.1388888 89	79.31270 17	1	1	79.312701 7	126
572	11859 3	0	0	278	0	0	38.611111 11	0	0	78.776777 78	78.776777 78	130
776	12633 1	0	78.61649 74	209	0	78.61649 74	29.027777 78	78.61649 74	0	57.750944 44	78.616497 4	131
509	11620 5	0	0	276	0	0	38.333333 33	0	0	78.167333 33	78.167333 33	133
36	10066 5	0	78.16251 15	0	0	78.16251 15	0	78.16251 15	0	0	78.162511 5	134
986	13695 9	1	78.16251 15	215	0.3333333 33	78.16251 15	29.861111 11	78.16251 15	1	59.579277 78	78.162511 5	135

116 9	14035 4	0	78.16251 15	0	0	78.16251 15	0	78.16251 15	0	0	78.162511 5	136
94	10198 3	7.7	77.89253 84	219	2.5666666 67	77.89253 84	30.416666 67	77.89253 84	45.063033 33	60.798166 67	77.892538 4	137
409	11233 5	0	77.89253 84	0	0	77.89253 84	0	77.89253 84	0	0	77.892538 4	138
121 4	14078 0	0	77.67005 23	0	0	77.67005 23	0	77.67005 23	0	0	77.670052 3	140
127 4	14094 5	0	0	274	0	0	38.055555 56	0	0	77.557888 89	77.557888 89	141
708	12340 4	43.82	76.73899 66	237	14.606666 67	76.73899 66	32.916666 67	76.73899 66	70.623953 33	66.283166 67	76.738996 6	153
258	10642 6	0	0	271	0	0	37.638888 89	0	0	76.643722 22	76.643722 22	154
805	12853 7	0	0	269	0	0	37.361111 11	0	0	76.034277 78	76.034277 78	159
463	11471 2	21.06	75.94835 77	160	7.02	75.94835 77	22.222222 22	75.94835 77	54.51746	42.819555 56	75.948357 7	163

120 9	14073 9	1	75.94835 77	234	0.3333333 33	75.94835 77	32.5	75.94835 77	1	65.369	75.948357 7	164
255	10637 7	0	75.43193 47	196	0	75.43193 47	27.222222 22	75.43193 47	0	53.789555 56	75.431934 7	168
792	12766 7	50.6	0	155	16.866666 67	0	21.527777 78	0	75.421933 33	41.295944 44	75.421933 33	173
668	12174 1	0	0	266	0	0	36.944444 44	0	0	75.120111 11	75.120111 11	175
63	10123 1	0	75.05001 54	229	0	75.05001 54	31.805555 56	75.05001 54	0	63.845388 89	75.050015 4	179
108 7	13861 3	0	74.95728 12	0	0	74.95728 12	0	74.95728 12	0	0	74.957281 2	184
353	10988 0	49.46	0	0	16.486666 67	0	0	0	74.615193 33	0	74.615193 33	189
40	10071 5	0	74.53831 95	0	0	74.53831 95	0	74.53831 95	0	0	74.538319 5	190
132 8	14108 7	0	59.71068 02	264	0	59.71068 02	36.666666 67	59.71068 02	0	74.510666 67	74.510666 67	192

134 2	14113 4	0	0	264	0	0	36.666666 67	0	0	74.510666 67	74.510666 67	193
208	10448 3	1	74.04214 92	221	0.3333333 33	74.04214 92	30.694444 44	74.04214 92	1	61.407611 11	74.042149 2	197
143 0	14140 7	0	74	0	0	74	0	74	0	0	74	207
316	10886 5	0	0	262	0	0	36.388888 89	0	0	73.901222 22	73.901222 22	208
672	12180 4	0	73.32067 59	253	0	73.32067 59	35.138888 89	73.32067 59	0	71.158722 22	73.320675 9	213
116 7	14034 7	0	73.32067 59	0	0	73.32067 59	0	73.32067 59	0	0	73.320675 9	214
321	10901 9	0	72.89918 36	0	0	72.89918 36	0	72.89918 36	0	0	72.899183 6	217
126 0	14091 6	0	0	257	0	0	35.694444 44	0	0	72.377611 11	72.377611 11	225
70	10147 2	1	72.35997 72	240	0.3333333 33	72.35997 72	33.333333 33	72.35997 72	1	67.197333 33	72.359977 2	227

379	11094 2	0	72.34533 7	0	0	72.34533 7	0	72.34533 7	0	0	72.345337	229
102 1	13769 8	0	0	256	0	0	35.555555 56	0	0	72.072888 89	72.072888 89	232
273	10728 1	45.74	0	0	15.246666 67	0	0	0	71.982673 33	0	71.982673 33	234
735	12444 4	45.68	0	0	15.226666 67	0	0	0	71.940213 33	0	71.940213 33	235
462	11470 2	14.45	71.81055 71	1	4.8166666 67	71.81055 71	0.1388888 89	71.81055 71	49.839783 33	1	71.810557 1	238
156	10330 2	0	0	254	0	0	35.277777 78	0	0	71.463444 44	71.463444 44	243
387	11143 0	0	71.31194 23	246	0	71.31194 23	34.166666 67	71.31194 23	0	69.025666 67	71.311942 3	244
108 2	13852 1	0	70.72337 19	0	0	70.72337 19	0	70.72337 19	0	0	70.723371 9	251
126 2	14091 9	23.45	70.72337 19	212	7.8166666 67	70.72337 19	29.444444 44	70.72337 19	56.208783 33	58.665111 11	70.723371 9	252

141 8	14136 5	43.46	1	242	14.486666 67	1	33.611111 11	1	70.369193 33	67.806777 78	70.369193 33	257
163 2	14255 5	0	70.03308 71	0	0	70.03308 71	0	70.03308 71	0	0	70.033087 1	264
107 6	13846 6	0	69.71	0	0	69.71	0	69.71	0	0	69.71	271
131 0	14105 8	0	28.55135 75	247	0	28.55135 75	34.305555 56	28.55135 75	0	69.330388 89	69.330388 89	277
964	13617 7	1	69.02123 73	178	0.3333333 33	69.02123 73	24.722222 22	69.02123 73	1	48.304555 56	69.021237 3	283
138 1	14124 4	0	0	244	0	0	33.888888 89	0	0	68.416222 22	68.416222 22	297
152	10319 5	35.13	68.01974 56	0	11.71	68.01974 56	0	68.01974 56	64.47433	0	68.019745 6	298
142	10297 4	39.88	0	0	13.293333 33	0	0	0	67.835746 67	0	67.835746 67	303
106 4	13833 0	28.06	67.70544 78	1	9.3533333 33	67.70544 78	0.1388888 89	67.70544 78	59.471126 67	1	67.705447 8	308

12	100218	0	0	241	0	0	33.47222222	0	0	67.50205556	67.50205556	311
1056	138241	38.59	0	0	12.86333333	0	0	0	66.92285667	0	66.92285667	322
756	125510	0	0	236	0	0	32.77777778	0	0	65.97844444	65.97844444	335
1166	140316	0	0	236	0	0	32.77777778	0	0	65.97844444	65.97844444	337
9	100188	0	0	235	0	0	32.63888889	0	0	65.67372222	65.67372222	341
24	100477	0	57.6571103	235	0	57.6571103	32.63888889	57.6571103	0	65.67372222	65.67372222	342
87	101848	27.61	55.0554017	235	9.203333333	55.0554017	32.63888889	55.0554017	59.15267667	65.67372222	65.67372222	343
376	110876	23.84	1	235	7.946666666	1	32.63888889	1	56.48477333	65.67372222	65.67372222	344
1	100050	1	1	233	0.3333333333	1	32.36111111	1	1	65.06427778	65.06427778	355

150 3	14170 1	0	64.83918 13	233	0	64.83918 13	32.361111 11	64.83918 13	0	65.064277 78	65.064277 78	356
103 8	13792 7	0	64.30824 87	0	0	64.30824 87	0	64.30824 87	0	0	64.308248 7	366
102 7	13781 4	0	54.88133 66	230	0	54.88133 66	31.944444 44	54.88133 66	0	64.150111 11	64.150111 11	368
122 3	14084 4	0	0	229	0	0	31.805555 56	0	0	63.845388 89	63.845388 89	372
162 9	14254 6	0	63.64650 66	212	0	63.64650 66	29.444444 44	63.64650 66	0	58.665111 11	63.646506 6	374
788	12714 4	0	63.45547 75	0	0	63.45547 75	0	63.45547 75	0	0	63.455477 5	377
882	13264 5	1	1	227	0.3333333 33	1	31.527777 78	1	1	63.235944 44	63.235944 44	380
487	11539 6	33.16	0	0	11.053333 33	0	0	0	63.080226 67	0	63.080226 67	383
129 6	14102 2	0	35.57248 38	225	0	35.57248 38	31.25	35.57248 38	0	62.6265	62.6265	399

533	11696 4	0	62.43074 79	215	0	62.43074 79	29.861111 11	62.43074 79	0	59.579277 78	62.430747 9	403
769	12598 6	32.18	50.19935 45	181	10.726666 67	50.19935 45	25.138888 89	50.19935 45	62.386713 33	49.218722 22	62.386713 33	404
85	10182 2	0	61.59103 85	0	0	61.59103 85	0	61.59103 85	0	0	61.591038 5	430
436	11329 6	30.81	0	0	10.27	0	0	0	61.41721	0	61.41721	437
163	10348 6	30.41	0	202	10.136666 67	0	28.055555 56	0	61.134143 33	55.617888 89	61.134143 33	444
62	10117 6	7.7	56.38883 61	219	2.5666666 67	56.38883 61	30.416666 67	56.38883 61	45.063033 33	60.798166 67	60.798166 67	458
116 3	14030 8	0	0	219	0	0	30.416666 67	0	0	60.798166 67	60.798166 67	461
133 5	14111 5	0	0	217	0	0	30.138888 89	0	0	60.188722 22	60.188722 22	478
134 5	14114 1	0	0	215	0	0	29.861111 11	0	0	59.579277 78	59.579277 78	490

156 5	14212 7	0	0	215	0	0	29.861111 11	0	0	59.579277 78	59.579277 78	494
448	11410 0	0	0	211	0	0	29.305555 56	0	0	58.360388 89	58.360388 89	521
434	11324 3	0	57.65711 03	183	0	57.65711 03	25.416666 67	57.65711 03	0	49.828166 67	57.657110 3	553
142 1	14137 2	0	0	208	0	0	28.888888 89	0	0	57.446222 22	57.446222 22	563
11	10021 3	1	57.14835 33	1	0.3333333 33	57.14835 33	0.1388888 89	57.14835 33	1	1	57.148353 3	569
173 2	14308 6	23.42	0	0	7.8066666 67	0	0	0	56.187553 33	0	56.187553 33	604
114 4	14000 3	22.45	0	0	7.4833333 33	0	0	0	55.501116 67	0	55.501116 67	628
180 2	14363 9	0	0	197	0	0	27.361111 11	0	0	54.094277 78	54.094277 78	670
330	10917 5	0	0	185	0	0	25.694444 44	0	0	50.437611 11	50.437611 11	793

652	12119 8	0	0	181	0	0	25.138888 89	0	0	49.218722 22	49.218722 22	845
224	10497 4	13.19	22.52616 19	172	4.3966666 67	22.52616 19	23.888888 89	22.52616 19	48.948123 33	46.476222 22	48.948123 33	853
206	10435 6	1	1	179	0.3333333 33	1	24.861111 11	1	1	48.609277 78	48.609277 78	866
772	12611 6	11.67	0	80	3.89	0	11.111111 11	0	47.87247	18.441777 78	47.87247	895
293	10795 5	0	47.37041 96	0	0	47.37041 96	0	47.37041 96	0	0	47.370419 6	908
390	11152 7	0	25.74520 6	174	0	25.74520 6	24.166666 67	25.74520 6	0	47.085666 67	47.085666 67	914
633	12065 8	1	1	173	0.3333333 33	1	24.027777 78	1	1	46.780944 44	46.780944 44	934
115 8	14023 5	0	26.71591 26	166	0	26.71591 26	23.055555 56	26.71591 26	0	44.647888 89	44.647888 89	994
148 3	14159 9	0	0	165	0	0	22.916666 67	0	0	44.343166 67	44.343166 67	1000

82	10170 5	0	37.44826 28	162	0	37.44826 28	22.5	37.44826 28	0	43.429	43.429	1032
160 2	14238 8	5.17	0	0	1.7233333 33	0	0	0	43.272636 67	0	43.272636 67	1039
148 7	14162 9	2.58	0	138	0.86	0	19.166666 67	0	41.43978	36.115666 67	41.43978	1099
193	10411 6	0	33.93351 8	140	0	33.93351 8	19.444444 44	33.93351 8	0	36.725111 11	36.725111 11	1243
166 0	14271 2	0	0	140	0	0	19.444444 44	0	0	36.725111 11	36.725111 11	1245
412	11241 6	0	24.24207 45	133	0	24.24207 45	18.472222 22	24.24207 45	0	34.592055 56	34.592055 56	1299
133 9	14112 6	0	0	125	0	0	17.361111 11	0	0	32.154277 78	32.154277 78	1357
147 0	14155 3	0	0	115	0	0	15.972222 22	0	0	29.107055 56	29.107055 56	1430
893	13327 7	0	0	113	0	0	15.694444 44	0	0	28.497611 11	28.497611 11	1440

278	10740 5	1	28.19713 76	1	0.3333333 33	28.19713 76	0.1388888 89	28.19713 76	1	1	28.197137 6	1445
361	11012 3	0	0	104	0	0	14.444444 44	0	0	25.755111 11	25.755111 11	1496
171 6	14301 1	0	0	91	0	0	12.638888 89	0	0	21.793722 22	21.793722 22	1546
142 5	14138 7	0	0	77	0	0	10.694444 44	0	0	17.527611 11	17.527611 11	1583

Attachment 2

List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats.

SI No	Register No	IIM CAT Score	CMAT Score	KMAT Score	IIM CAT 100	CMAT 100	KMAT 100	CMAT 100	PRED_IIMCAT	PRED_KMAT	MAXIMUM	RANK
246	106015	190	0	0	63.33333333	0	0	0	174.0706667	0	174.0706667	1
1003	137392	165	1	1	55	1	0.138888889	1	156.379	1	156.379	2
887	133028	1	1	480	0.333333333	1	66.66666667	1	1	140.3306667	140.3306667	3
1303	141042	0	0	443	0	0	61.52777778	0	39.614	129.0559444	129.0559444	4
1586	142309	0	0	437	0	0	60.69444444	0	39.614	127.2276111	127.2276111	5
115	102520	0	0	427	0	0	59.30555556	0	39.614	124.1803889	124.1803889	6
96	102004	0	0	374	0	0	51.94444444	0	39.614	108.0301111	108.0301111	7
1085	138576	0	0	364	0	0	50.55555556	0	39.614	104.9828889	104.9828889	8
437	113362	1	1	353	0.333333333	1	49.02777778	1	1	101.6309444	101.6309444	9
1498	141685	0	0	352	0	0	48.88888889	0	39.614	101.3262222	101.3262222	10
1247	140896	0	0	350	0	0	48.61111111	0	39.614	100.7167778	100.7167778	11
1769	143411	0	0	350	0	0	48.61111111	0	39.614	100.7167778	100.7167778	12
465	114745	27.79	0	349	9.263333333	0	48.47222222	0	59.28005667	100.4120556	100.4120556	13
499	115969	53.03	96.2334564	348	17.67666667	96.233456	48.33333333	96.23346	77.14156333	100.1073333	100.1073333	14
295	108085	84.61	85.8802709	290	28.20333333	85.880271	40.27777778	85.88027	99.48967667	82.43344444	99.48967667	15
1055	138216	0	99.1190431	0	0	99.119043	0	99.11904	0	0	99.1190431	16
1351	141156	0	98.6216062	0	0	98.621606	0	98.62161	0	0	98.6216062	17
1084	138558	0	98.01	0	0	98.01	0	98.01	0	0	98.01	18
1127	139368	0	97.7685442	0	0	97.768544	0	97.76854	0	0	97.7685442	19
74	101581	1	96.419214	340	0.333333333	96.419214	47.22222222	96.41921	1	97.66955556	97.66955556	20
671	121771	0	69.1741029	338	0	69.174103	46.94444444	69.1741	39.614	97.06011111	97.06011111	21
731	124329	0	96.8144044	304	0	96.814404	42.22222222	96.8144	0	86.69955556	96.8144044	22
1678	142807	0	96.6412742	0	0	96.641274	0	96.64127	0	0	96.6412742	23
1090	138676	0	0	336	0	0	46.66666667	0	39.614	96.45066667	96.45066667	24
871	132144	0	95.9179799	1	0	95.91798	0.138888889	95.91798	0	1	95.9179799	25
73	101577	31.44	95.01	275	10.48	95.01	38.19444444	95.01	61.86304	77.86261111	95.01	26

1404	141294	0	94.8060942	0	0	94.806094	0	94.80609	0	0	94.8060942	27
780	126546	31.82	94.61	261	10.60666667	94.61	36.25	94.61	62.13195333	73.5965	94.61	28
1747	143234	0	94.1366574	0	0	94.136657	0	94.13666	0	0	94.1366574	29
81	101684	0	88.5541705	328	0	88.554171	45.55555556	88.55417	39.614	94.01288889	94.01288889	30
1182	140492	0	0	328	0	0	45.55555556	0	39.614	94.01288889	94.01288889	31
1521	141804	0	0	328	0	0	45.55555556	0	39.614	94.01288889	94.01288889	32
42	100757	1	93.738371	1	0.333333333	93.738371	0.138888889	93.73837	1	1	93.738371	33
1472	141558	0	92.6823638	285	0	92.682364	39.58333333	92.68236	0	80.90983333	92.6823638	34
1439	141455	0	0	321	0	0	44.58333333	0	39.614	91.87983333	91.87983333	35
688	122512	16.54	91.5589412	1	5.513333333	91.558941	0.138888889	91.55894	51.31880667	1	91.5589412	36
259	106449	1	77.45206	319	0.333333333	77.45206	44.30555556	77.45206	1	91.27038889	91.27038889	37
1368	141201	0	0	317	0	0	44.02777778	0	0	90.66094444	90.66094444	38
1534	141888	0	0	317	0	0	44.02777778	0	0	90.66094444	90.66094444	39
242	105834	0	62.1910006	316	0	62.191001	43.88888889	62.191	0	90.35622222	90.35622222	40
92	101968	0	90.2546938	255	0	90.254694	35.41666667	90.25469	0	71.76816667	90.2546938	41
38	100675	0	89.9622961	258	0	89.962296	35.83333333	89.9623	0	72.68233333	89.9622961	42
155	103269	33.01	89.9622961	296	11.00333333	89.962296	41.11111111	89.9623	62.97407667	84.26177778	89.9622961	43
1059	138274	0	89.9622961	0	0	89.962296	0	89.9623	0	0	89.9622961	44
542	117354	1	89.804428	1	0.333333333	89.804428	0.138888889	89.80443	1	1	89.804428	45
1598	142361	0	89.6775931	0	0	89.677593	0	89.67759	0	0	89.6775931	46
638	120872	30.7	0	312	10.23333333	0	43.33333333	0	61.33936667	89.13733333	89.13733333	47
1469	141549	0	0	312	0	0	43.33333333	0	0	89.13733333	89.13733333	48
1719	143024	0	0	312	0	0	43.33333333	0	0	89.13733333	89.13733333	49
80	101657	0	88.9542936	304	0	88.954294	42.22222222	88.95429	0	86.69955556	88.9542936	50
1035	137885	20.18	88.5541705	271	6.726666667	88.554171	37.63888889	88.55417	53.89471333	76.64372222	88.5541705	51
1502	141699	0	88.5541705	221	0	88.554171	30.69444444	88.55417	0	61.40761111	88.5541705	52
1561	142087	1	1	310	0.333333333	1	43.05555556	1	1	88.52788889	88.52788889	53
926	134868	38.44	88.2309942	248	12.81333333	88.230994	34.44444444	88.23099	66.81670667	69.63511111	88.2309942	54
1608	142425	0	87.9286121	0	0	87.928612	0	87.92861	0	0	87.9286121	55

841	130825	32.22	87.6324283	97	10.74	87.632428	13.47222222	87.63243	62.41502	23.62205556	87.6324283	56
358	110082	35.49	1	307	11.83	1	42.63888889	1	64.72909	87.61372222	87.61372222	57
1289	140989	0	0	307	0	0	42.63888889	0	0	87.61372222	87.61372222	58
1671	142769	67.62	0	0	22.54	0	0	0	87.46642	0	87.46642	59
1677	142798	0	87.4576793	301	0	87.457679	41.80555556	87.45768	0	85.78538889	87.4576793	60
1272	140942	1	87.2678944	1	0.333333333	87.267894	0.138888889	87.26789	1	1	87.2678944	61
37	100666	0	87.1306556	223	0	87.130656	30.97222222	87.13066	0	62.01705556	87.1306556	62
1349	141152	0	0	305	0	0	42.36111111	0	0	87.00427778	87.00427778	63
1041	137969	0	86.9793051	0	0	86.979305	0	86.97931	0	0	86.9793051	64
66	101352	0	86.7497692	0	0	86.749769	0	86.74977	0	0	86.7497692	65
1050	138144	0	86.6261629	269	0	86.626163	37.36111111	86.62616	0	76.03427778	86.6261629	66
1814	143728	0	86.6261629	0	0	86.626163	0	86.62616	0	0	86.6261629	67
1490	141638	0	0	303	0	0	42.08333333	0	0	86.39483333	86.39483333	68
1627	142544	0	0	303	0	0	42.08333333	0	0	86.39483333	86.39483333	69
681	122037	65.97	0	0	21.99	0	0	0	86.29877	0	86.29877	70
1366	141197	0	86.291936	0	0	86.291936	0	86.29194	0	0	86.291936	71
1066	138411	1	86.261629	250	0.333333333	86.261629	34.72222222	86.26163	1	70.24455556	86.261629	72
135	102879	1	85.9350674	210	0.333333333	85.935067	29.16666667	85.93507	1	58.05566667	85.9350674	73
1072	138452	0	85.9350674	0	0	85.935067	0	85.93507	0	0	85.9350674	74
144	103023	0	85.8802709	287	0	85.880271	39.86111111	85.88027	0	81.51927778	85.8802709	75
1110	139021	24.7	85.8802709	0	8.233333333	85.880271	0	85.88027	57.09336667	0	85.8802709	76
1767	143396	28.69	85.8802709	0	9.563333333	85.880271	0	85.88027	59.91695667	0	85.8802709	77
133	102849	0	0	300	0	0	41.66666667	0	0	85.48066667	85.48066667	78
730	124283	0	0	300	0	0	41.66666667	0	0	85.48066667	85.48066667	79
921	134810	0	84.6933738	0	0	84.693374	0	84.69337	0	0	84.6933738	80
1662	142719	0	0	297	0	0	41.25	0	0	84.5665	84.5665	81
502	116009	0	84.2642871	262	0	84.264287	36.38888889	84.26429	0	73.90122222	84.2642871	82
1415	141348	0	84.2642871	0	0	84.264287	0	84.26429	0	0	84.2642871	83
892	133217	0	83.7911665	0	0	83.791167	0	83.79117	0	0	83.7911665	84

642	120961	1	1	293	0.333333333	1	40.69444444	1	1	83.34761111	83.34761111	85
1659	142710	0	0	293	0	0	40.69444444	0	0	83.34761111	83.34761111	86
130	102804	0	83.3333333	222	0	83.333333	30.83333333	83.33333	0	61.71233333	83.3333333	87
346	109572	14.19	83.3333333	0	4.73	83.333333	0	83.33333	49.65579	0	83.3333333	88
674	121830	0	83.3333333	207	0	83.333333	28.75	83.33333	0	57.1415	83.3333333	89
145	103029	0	83.2048605	0	0	83.204861	0	83.20486	0	0	83.2048605	90
380	111011	1	82.9101262	1	0.333333333	82.910126	0.138888889	82.91013	1	1	82.9101262	91
1545	141986	0	0	291	0	0	40.41666667	0	0	82.73816667	82.73816667	92
743	124734	0	82.4907664	207	0	82.490766	28.75	82.49077	0	57.1415	82.4907664	93
1132	139609	0	82.4907664	212	0	82.490766	29.44444444	82.49077	0	58.66511111	82.4907664	94
1541	141921	0	0	290	0	0	40.27777778	0	0	82.43344444	82.43344444	95
1480	141584	0	82.3011202	0	0	82.30112	0	82.30112	0	0	82.3011202	96
1211	140754	0	0	289	0	0	40.13888889	0	0	82.12872222	82.12872222	97
153	103245	59.97	0	0	19.99	0	0	0	82.05277	0	82.05277	98
898	133859	0	82.0367805	0	0	82.036781	0	82.03678	0	0	82.0367805	99
828	129513	0	81.9138029	222	0	81.913803	30.83333333	81.9138	0	61.71233333	81.9138029	100
1340	141127	1	81.9138029	1	0.333333333	81.913803	0.138888889	81.9138	1	1	81.9138029	101
645	120999	31.27	81.6405048	1	10.42333333	81.640505	0.138888889	81.6405	61.74273667	1	81.6405048	102
1107	139002	32.35	81.6405048	243	10.78333333	81.640505	33.75	81.6405	62.50701667	68.1115	81.6405048	103
166	103555	0	75.5963373	287	0	75.596337	39.86111111	75.59634	0	81.51927778	81.51927778	104
524	116562	0	0	287	0	0	39.86111111	0	0	81.51927778	81.51927778	105
1749	143250	0	81.515094	265	0	81.515094	36.80555556	81.51509	0	74.81538889	81.515094	106
1699	142914	0	78.868426	286	0	78.868426	39.72222222	78.86843	0	81.21455556	81.21455556	107
4	100082	0	81.0860072	1	0	81.086007	0.138888889	81.08601	0	1	81.0860072	108
1143	139971	0	81.0860072	274	0	81.086007	38.05555556	81.08601	0	77.55788889	81.0860072	109
974	136464	1	81.0095414	1	0.333333333	81.009541	0.138888889	81.00954	1	1	81.0095414	110
350	109871	1	52.9789254	285	0.333333333	52.978925	39.58333333	52.97893	1	80.90983333	80.90983333	111
234	105514	0	80.5354092	0	0	80.535409	0	80.53541	0	0	80.5354092	112
364	110173	37.28	80.5354092	282	12.42666667	80.535409	39.16666667	80.53541	65.99581333	79.99566667	80.5354092	113

388	111512	0	80.5354092	0	0	80.535409	0	80.53541	0	0	80.5354092	114
1634	142558	0	80.5354092	0	0	80.535409	0	80.53541	0	0	80.5354092	115
71	101508	0	80.4978455	212	0	80.497846	29.44444444	80.49785	0	58.66511111	80.4978455	116
784	126877	18.65	80.4978455	210	6.216666667	80.497846	29.16666667	80.49785	52.81198333	58.05566667	80.4978455	117
754	125317	0	80.0900277	222	0	80.090028	30.83333333	80.09003	0	61.71233333	80.0900277	118
1098	138797	0	79.719	0	0	79.719	0	79.719	0	0	79.719	119
669	121742	0	79.6745152	255	0	79.674515	35.41666667	79.67452	0	71.76816667	79.6745152	120
458	114601	56.46	29.3590335	144	18.82	29.359034	20	29.35903	79.56886	37.944	79.56886	121
518	116449	1	79.3128655	1	0.333333333	79.312866	0.138888889	79.31287	1	1	79.3128655	122
890	133148	0	79.3128655	167	0	79.312866	23.19444444	79.31287	0	44.95261111	79.3128655	123
140	102969	0	79.3127017	262	0	79.312702	36.38888889	79.3127	0	73.90122222	79.3127017	124
753	125259	0	79.3127017	1	0	79.312702	0.138888889	79.3127	0	1	79.3127017	125
1692	142880	1	79.3127017	1	0.333333333	79.312702	0.138888889	79.3127	1	1	79.3127017	126
1820	143761	0	79.31	0	0	79.31	0	79.31	0	0	79.31	127
920	134737	0	78.87	226	0	78.87	31.38888889	78.87	0	62.93122222	78.87	128
1581	142294	0	78.868426	0	0	78.868426	0	78.86843	0	0	78.868426	129
572	118593	0	0	278	0	0	38.61111111	0	0	78.77677778	78.77677778	130
776	126331	0	78.6164974	209	0	78.616497	29.02777778	78.6165	0	57.75094444	78.6164974	131
1571	142216	0	78.6164974	0	0	78.616497	0	78.6165	0	0	78.6164974	132
509	116205	0	0	276	0	0	38.33333333	0	0	78.16733333	78.16733333	133
36	100665	0	78.1625115	0	0	78.162512	0	78.16251	0	0	78.1625115	134
986	136959	1	78.1625115	215	0.333333333	78.162512	29.86111111	78.16251	1	59.57927778	78.1625115	135
1169	140354	0	78.1625115	0	0	78.162512	0	78.16251	0	0	78.1625115	136
94	101983	7.7	77.8925384	219	2.566666667	77.892538	30.41666667	77.89254	45.06303333	60.79816667	77.8925384	137
409	112335	0	77.8925384	0	0	77.892538	0	77.89254	0	0	77.8925384	138
1255	140908	0	0	275	0	0	38.19444444	0	0	77.86261111	77.86261111	139
1214	140780	0	77.6700523	0	0	77.670052	0	77.67005	0	0	77.6700523	140
1274	140945	0	0	274	0	0	38.05555556	0	0	77.55788889	77.55788889	141
1774	143447	53.55	1	1	17.85	1	0.138888889	1	77.50955	1	77.50955	142

1133	139637	0	77.45206	0	0	77.45206	0	77.45206	0	0	77.45206	143
1261	140917	27.75	77.45206	262	9.25	77.45206	36.38888889	77.45206	59.25175	73.90122222	77.45206	144
1160	140263	0	0	273	0	0	37.91666667	0	0	77.25316667	77.25316667	145
1030	137835	0	77.1929825	0	0	77.192983	0	77.19298	0	0	77.1929825	146
1532	141875	0	0	272	0	0	37.77777778	0	0	76.94844444	76.94844444	147
1542	141941	0	0	272	0	0	37.77777778	0	0	76.94844444	76.94844444	148
1189	140549	0	76.9394342	0	0	76.939434	0	76.93943	0	0	76.9394342	149
99	102071	17.51	76.7389966	213	5.836666667	76.738997	29.58333333	76.739	52.00524333	58.96983333	76.7389966	150
332	109195	0	76.7389966	0	0	76.738997	0	76.739	0	0	76.7389966	151
647	121017	0	76.7389966	0	0	76.738997	0	76.739	0	0	76.7389966	152
708	123404	43.82	76.7389966	237	14.60666667	76.738997	32.91666667	76.739	70.62395333	66.28316667	76.7389966	153
258	106426	0	0	271	0	0	37.63888889	0	0	76.64372222	76.64372222	154
1801	143626	52.28	0	0	17.42666667	0	0	0	76.61081333	0	76.61081333	155
1288	140986	51.77	0	0	17.25666667	0	0	0	76.24990333	0	76.24990333	156
726	124149	51.58	0	0	17.19333333	0	0	0	76.11544667	0	76.11544667	157
622	120111	0	76.1003386	211	0	76.100339	29.30555556	76.10034	0	58.36038889	76.1003386	158
805	128537	0	0	269	0	0	37.36111111	0	0	76.03427778	76.03427778	159
1327	141085	0	0	269	0	0	37.36111111	0	0	76.03427778	76.03427778	160
609	119932	1	75.95	1	0.333333333	75.95	0.138888889	75.95	1	1	75.95	161
65	101346	0	75.9483577	171	0	75.948358	23.75	75.94836	0	46.1715	75.9483577	162
463	114712	21.06	75.9483577	160	7.02	75.948358	22.22222222	75.94836	54.51746	42.81955556	75.9483577	163
1209	140739	1	75.9483577	234	0.333333333	75.948358	32.5	75.94836	1	65.369	75.9483577	164
86	101846	1	1	268	0.333333333	1	37.22222222	1	1	75.72955556	75.72955556	165
494	115705	0	1	268	0	1	37.22222222	1	0	75.72955556	75.72955556	166
1078	138476	0	75.5963373	0	0	75.596337	0	75.59634	0	0	75.5963373	167
255	106377	0	75.4319347	196	0	75.431935	27.22222222	75.43193	0	53.78955556	75.4319347	168
1449	141486	0	75.4319347	257	0	75.431935	35.69444444	75.43193	0	72.37761111	75.4319347	169
1615	142495	0	75.4319347	0	0	75.431935	0	75.43193	0	0	75.4319347	170
1500	141689	0	75.43	0	0	75.43	0	75.43	0	0	75.43	171

10	100191	36.46	1	267	12.15333333	1	37.08333333	1	65.41552667	75.42483333	75.42483333	172
792	127667	50.6	0	155	16.86666667	0	21.52777778	0	75.42193333	41.29594444	75.42193333	173
1051	138169	50.49	59.7106802	0	16.83	59.71068	0	59.71068	75.34409	0	75.34409	174
668	121741	0	0	266	0	0	36.94444444	0	0	75.12011111	75.12011111	175
1513	141758	0	0	266	0	0	36.94444444	0	0	75.12011111	75.12011111	176
1837	143876	0	0	266	0	0	36.94444444	0	0	75.12011111	75.12011111	177
384	111357	50.09	0	0	16.69666667	0	0	0	75.06102333	0	75.06102333	178
63	101231	0	75.0500154	229	0	75.050015	31.80555556	75.05002	0	63.84538889	75.0500154	179
167	103585	0	75.0500154	241	0	75.050015	33.47222222	75.05002	0	67.50205556	75.0500154	180
309	108618	50	0	232	16.66666667	0	32.22222222	0	74.99733333	64.75955556	74.99733333	181
686	122294	0	74.9572812	1	0	74.957281	0.138888889	74.95728	0	1	74.9572812	182
1040	137949	0	74.9572812	0	0	74.957281	0	74.95728	0	0	74.9572812	183
1087	138613	0	74.9572812	0	0	74.957281	0	74.95728	0	0	74.9572812	184
1119	139182	0	74.9572812	0	0	74.957281	0	74.95728	0	0	74.9572812	185
1153	140174	1	74.9572812	170	0.333333333	74.957281	23.61111111	74.95728	1	45.86677778	74.9572812	186
959	135870	0	0	265	0	0	36.80555556	0	0	74.81538889	74.81538889	187
1443	141466	0	0	265	0	0	36.80555556	0	0	74.81538889	74.81538889	188
353	109880	49.46	0	0	16.48666667	0	0	0	74.61519333	0	74.61519333	189
40	100715	0	74.5383195	0	0	74.53832	0	74.53832	0	0	74.5383195	190
119	102587	0	74.5383195	240	0	74.53832	33.33333333	74.53832	0	67.19733333	74.5383195	191
1328	141087	0	59.7106802	264	0	59.71068	36.66666667	59.71068	0	74.51066667	74.51066667	192
1342	141134	0	0	264	0	0	36.66666667	0	0	74.51066667	74.51066667	193
1412	141338	0	0	264	0	0	36.66666667	0	0	74.51066667	74.51066667	194
948	135639	1	74.4788305	1	0.333333333	74.478831	0.138888889	74.47883	1	1	74.4788305	195
1130	139589	48.69	0	0	16.23	0	0	0	74.07029	0	74.07029	196
208	104483	1	74.0421492	221	0.333333333	74.042149	30.69444444	74.04215	1	61.40761111	74.0421492	197
485	115335	24.48	74.0421492	0	8.16	74.042149	0	74.04215	56.93768	0	74.0421492	198
765	125824	0	74.0421492	0	0	74.042149	0	74.04215	0	0	74.0421492	199
874	132315	28.96	74.0421492	224	9.653333333	74.042149	31.11111111	74.04215	60.10802667	62.32177778	74.0421492	200

972	136400	1	74.0421492	212	0.333333333	74.042149	29.444444444	74.04215	1	58.665111111	74.0421492	201
1046	138064	0	74.0421492	0	0	74.042149	0	74.04215	0	0	74.0421492	202
158	103315	0	74.0073869	187	0	74.007387	25.972222222	74.00739	0	51.047055556	74.0073869	203
1048	138132	0	74.0073869	0	0	74.007387	0	74.00739	0	0	74.0073869	204
1655	142693	0	74.0073869	0	0	74.007387	0	74.00739	0	0	74.0073869	205
1700	142922	0	74.0073869	0	0	74.007387	0	74.00739	0	0	74.0073869	206
1430	141407	0	74	0	0	74	0	74	0	0	74	207
316	108865	0	0	262	0	0	36.388888889	0	0	73.901222222	73.901222222	208
1501	141696	0	0	262	0	0	36.388888889	0	0	73.901222222	73.901222222	209
1701	142940	0	0	262	0	0	36.388888889	0	0	73.901222222	73.901222222	210
43	100779	18.54	0	261	6.18	0	36.25	0	52.73414	73.5965	73.5965	211
548	117454	0	73.3687288	0	0	73.368729	0	73.36873	0	0	73.3687288	212
672	121804	0	73.3206759	253	0	73.320676	35.138888889	73.32068	0	71.158722222	73.3206759	213
1167	140347	0	73.3206759	0	0	73.320676	0	73.32068	0	0	73.3206759	214
303	108554	0	0	260	0	0	36.111111111	0	0	73.291777778	73.291777778	215
1251	140903	0	0	260	0	0	36.111111111	0	0	73.291777778	73.291777778	216
321	109019	0	72.8991836	0	0	72.899184	0	72.89918	0	0	72.8991836	217
1159	140248	0	72.8991836	0	0	72.899184	0	72.89918	0	0	72.8991836	218
1845	143904	0	72.8991836	0	0	72.899184	0	72.89918	0	0	72.8991836	219
1025	137810	0	72.7993229	201	0	72.799323	27.916666667	72.79932	0	55.313166667	72.7993229	220
1675	142787	0	72.7993229	0	0	72.799323	0	72.79932	0	0	72.7993229	221
976	136494	0	0	258	0	0	35.833333333	0	0	72.682333333	72.682333333	222
228	105278	46.48	0	0	15.493333333	0	0	0	72.506346667	0	72.506346667	223
566	118185	0	0	257	0	0	35.694444444	0	0	72.377611111	72.377611111	224
1260	140916	0	0	257	0	0	35.694444444	0	0	72.377611111	72.377611111	225
1613	142464	0	0	257	0	0	35.694444444	0	0	72.377611111	72.377611111	226
70	101472	1	72.3599772	240	0.333333333	72.359977	33.333333333	72.35998	1	67.197333333	72.3599772	227
219	104800	0	72.345337	208	0	72.345337	28.888888889	72.34534	0	57.446222222	72.345337	228
379	110942	0	72.345337	0	0	72.345337	0	72.34534	0	0	72.345337	229

1735	143108	0	72.345337	0	0	72.345337	0	72.34534	0	0	72.345337	230
235	105548	0	48.6083159	256	0	48.608316	35.55555556	48.60832	0	72.07288889	72.07288889	231
1021	137698	0	0	256	0	0	35.55555556	0	0	72.07288889	72.07288889	232
1854	143965	0	0	256	0	0	35.55555556	0	0	72.07288889	72.07288889	233
273	107281	45.74	0	0	15.24666667	0	0	0	71.98267333	0	71.98267333	234
735	124444	45.68	0	0	15.22666667	0	0	0	71.94021333	0	71.94021333	235
311	108733	1	71.8549459	189	0.333333333	71.854946	26.25	71.85495	1	51.6565	71.8549459	236
1684	142833	0	71.8549459	0	0	71.854946	0	71.85495	0	0	71.8549459	237
462	114702	14.45	71.8105571	1	4.816666667	71.810557	0.138888889	71.81056	49.83978333	1	71.8105571	238
1054	138208	0	71.8105571	0	0	71.810557	0	71.81056	0	0	71.8105571	239
1201	140683	0	71.8105571	157	0	71.810557	21.80555556	71.81056	0	41.90538889	71.8105571	240
1386	141257	0	71.8105571	0	0	71.810557	0	71.81056	0	0	71.8105571	241
341	109387	0	0	255	0	0	35.41666667	0	0	71.76816667	71.76816667	242
156	103302	0	0	254	0	0	35.27777778	0	0	71.46344444	71.46344444	243
387	111430	0	71.3119423	246	0	71.311942	34.16666667	71.31194	0	69.02566667	71.3119423	244
1280	140958	1	71.2257618	1	0.333333333	71.225762	0.138888889	71.22576	1	1	71.2257618	245
360	110108	0	0	253	0	0	35.13888889	0	0	71.15872222	71.15872222	246
1236	140872	1	NA	253	0.333333333	NA	35.13888889	NA	1	71.15872222	71.15872222	247
1258	140914	0	0	253	0	0	35.13888889	0	0	71.15872222	71.15872222	248
1477	141572	44.04	0	0	14.68	0	0	0	70.77964	0	70.77964	249
177	103772	28.86	70.7233719	201	9.62	70.723372	27.91666667	70.72337	60.03726	55.31316667	70.7233719	250
1082	138521	0	70.7233719	0	0	70.723372	0	70.72337	0	0	70.7233719	251
1262	140919	23.45	70.7233719	212	7.816666667	70.723372	29.44444444	70.72337	56.20878333	58.66511111	70.7233719	252
612	119968	0	0	251	0	0	34.86111111	0	0	70.54927778	70.54927778	253
1333	141108	0	0	251	0	0	34.86111111	0	0	70.54927778	70.54927778	254
78	101640	0	70.533241	210	0	70.533241	29.16666667	70.53324	0	58.05566667	70.533241	255
1194	140611	43.46	0	0	14.48666667	0	0	0	70.36919333	0	70.36919333	256
1418	141365	43.46	1	242	14.48666667	1	33.61111111	1	70.36919333	67.80677778	70.36919333	257
317	108936	0	63.455	250	0	63.455	34.72222222	63.455	0	70.24455556	70.24455556	258

456	114484	0	60.9379153	250	0	60.937915	34.72222222	60.93792	0	70.24455556	70.24455556	259
1186	140526	43.28	56.9887982	193	14.42666667	56.988798	26.80555556	56.9888	70.24181333	52.87538889	70.24181333	260
28	100535	35.3	70.2107462	0	11.76666667	70.210746	0	70.21075	64.59463333	0	70.2107462	261
955	135812	0	70.0330871	216	0	70.033087	30	70.03309	0	59.884	70.0330871	262
1344	141138	0	70.0330871	235	0	70.033087	32.63888889	70.03309	0	65.67372222	70.0330871	263
1632	142555	0	70.0330871	0	0	70.033087	0	70.03309	0	0	70.0330871	264
1840	143888	26.49	70.03	0	8.83	70.03	0	70.03	58.36009	0	70.03	265
1574	142236	0	0	249	0	0	34.58333333	0	0	69.93983333	69.93983333	266
122	102640	19.05	69.7133093	238	6.35	69.713309	33.05555556	69.71331	53.09505	66.58788889	69.7133093	267
658	121434	0	69.7133093	0	0	69.713309	0	69.71331	0	0	69.7133093	268
848	131074	0	69.7133093	0	0	69.713309	0	69.71331	0	0	69.7133093	269
1539	141913	0	69.7133093	0	0	69.713309	0	69.71331	0	0	69.7133093	270
1076	138466	0	69.71	0	0	69.71	0	69.71	0	0	69.71	271
779	126479	0	69.5175439	0	0	69.517544	0	69.51754	0	0	69.5175439	272
979	136567	16.49	69.5175439	0	5.49666667	69.517544	0	69.51754	51.28342333	0	69.5175439	273
1556	142044	1	69.5175439	184	0.33333333	69.517544	25.55555556	69.51754	1	50.13288889	69.5175439	274
404	112073	42.25	0	0	14.08333333	0	0	0	69.51291667	0	69.51291667	275
720	123845	0	0	247	0	0	34.30555556	0	0	69.33038889	69.33038889	276
1310	141058	0	28.5513575	247	0	28.551358	34.30555556	28.55136	0	69.33038889	69.33038889	277
1441	141463	0	0	247	0	0	34.30555556	0	0	69.33038889	69.33038889	278
886	132882	41.92	0	0	13.97333333	0	0	0	69.27938667	0	69.27938667	279
981	136711	41.89	0	0	13.96333333	0	0	0	69.25815667	0	69.25815667	280
423	112886	0	69.1741029	149	0	69.174103	20.69444444	69.1741	0	39.46761111	69.1741029	281
1495	141673	0	0	246	0	0	34.16666667	0	0	69.02566667	69.02566667	282
964	136177	1	69.0212373	178	0.33333333	69.021237	24.72222222	69.02124	1	48.30455556	69.0212373	283
1183	140500	0	69.0212373	0	0	69.021237	0	69.02124	0	0	69.0212373	284
180	103859	0	62.9694323	245	0	62.969432	34.02777778	62.96943	0	68.72094444	68.72094444	285
439	113474	1	1	245	0.33333333	1	34.02777778	1	1	68.72094444	68.72094444	286
1682	142824	41.1	0	0	13.7	0	0	0	68.6991	0	68.6991	287

359	110102	0	68.6918549	0	0	68.691855	0	68.69185	0	0	68.6918549	288
911	134465	0	68.6918549	197	0	68.691855	27.36111111	68.69185	0	54.09427778	68.6918549	289
794	127688	41.05	0	0	13.68333333	0	0	0	68.66371667	0	68.66371667	290
192	104115	40.87	0	0	13.62333333	0	0	0	68.53633667	0	68.53633667	291
372	110535	0	68.4210526	205	0	68.421053	28.47222222	68.42105	0	56.53205556	68.4210526	292
618	120043	22.88	68.4210526	216	7.626666667	68.421053	30	68.42105	55.80541333	59.884	68.4210526	293
1074	138454	1	68.4210526	225	0.333333333	68.421053	31.25	68.42105	1	62.6265	68.4210526	294
1109	139006	0	68.4210526	0	0	68.421053	0	68.42105	0	0	68.4210526	295
466	114769	0	0	244	0	0	33.88888889	0	0	68.41622222	68.41622222	296
1381	141244	0	0	244	0	0	33.88888889	0	0	68.41622222	68.41622222	297
152	103195	35.13	68.0197456	0	11.71	68.019746	0	68.01975	64.47433	0	68.0197456	298
1097	138795	1	68.0197456	174	0.333333333	68.019746	24.16666667	68.01975	1	47.08566667	68.0197456	299
1168	140351	0	68.0197456	140	0	68.019746	19.44444444	68.01975	0	36.72511111	68.0197456	300
1218	140821	1	68.0197456	211	0.333333333	68.019746	29.30555556	68.01975	1	58.36038889	68.0197456	301
7	100115	40.07	0	0	13.35666667	0	0	0	67.97020333	0	67.97020333	302
142	102974	39.88	0	0	13.29333333	0	0	0	67.83574667	0	67.83574667	303
314	108800	0	0	242	0	0	33.61111111	0	0	67.80677778	67.80677778	304
1022	137754	0	0	242	0	0	33.61111111	0	0	67.80677778	67.80677778	305
1117	139176	0	0	242	0	0	33.61111111	0	0	67.80677778	67.80677778	306
1023	137784	0	67.7054478	208	0	67.705448	28.88888889	67.70545	0	57.44622222	67.7054478	307
1064	138330	28.06	67.7054478	1	9.353333333	67.705448	0.138888889	67.70545	59.47112667	1	67.7054478	308
1207	140720	0	67.7054478	233	0	67.705448	32.36111111	67.70545	0	65.06427778	67.7054478	309
774	126259	39.66	0	0	13.22	0	0	0	67.68006	0	67.68006	310
12	100218	0	0	241	0	0	33.47222222	0	0	67.50205556	67.50205556	311
1378	141230	0	0	241	0	0	33.47222222	0	0	67.50205556	67.50205556	312
1533	141882	0	0	241	0	0	33.47222222	0	0	67.50205556	67.50205556	313
1231	140860	0	0	240	0	0	33.33333333	0	0	67.19733333	67.19733333	314
670	121770	1	67.1668206	1	0.333333333	67.166821	0.138888889	67.16682	1	1	67.1668206	315
31	100569	38.78	0	0	12.92666667	0	0	0	67.05731333	0	67.05731333	316

580	118798	0	67.0058857	218	0	67.005886	30.27777778	67.00589	0	60.49344444	67.0058857	317
835	130114	0	67.0058857	208	0	67.005886	28.88888889	67.00589	0	57.44622222	67.0058857	318
1032	137865	0	67.0058857	0	0	67.005886	0	67.00589	0	0	67.0058857	319
1825	143789	1	67	1	0.333333333	67	0.138888889	67	1	1	67	320
903	134126	38.59	60.9187442	1	12.86333333	60.918744	0.138888889	60.91874	66.92285667	1	66.92285667	321
1056	138241	38.59	0	0	12.86333333	0	0	0	66.92285667	0	66.92285667	322
929	135022	0	66.64743	225	0	66.64743	31.25	66.64743	0	62.6265	66.64743	323
1105	138978	0	66.64743	0	0	66.64743	0	66.64743	0	0	66.64743	324
1721	143034	0	66.64743	220	0	66.64743	30.55555556	66.64743	0	61.10288889	66.64743	325
342	109411	1	66.64	0	0.333333333	66.64	0	66.64	1	0	66.64	326
1857	143994	0	0	238	0	0	33.05555556	0	0	66.58788889	66.58788889	327
685	122286	17.56	66.4666793	1	5.853333333	66.466679	0.138888889	66.46668	52.04062667	1	66.4666793	328
222	104919	24.29	0	237	8.096666667	0	32.91666667	0	56.80322333	66.28316667	66.28316667	329
1578	142268	9.84	58.3140308	237	3.28	58.314031	32.91666667	58.31403	46.57744	66.28316667	66.28316667	330
613	119973	0	66.0934134	0	0	66.093413	0	66.09341	0	0	66.0934134	331
1813	143721	0	66.093413	0	0	66.093413	0	66.09341	0	0	66.093413	332
313	108792	37.32	0	235	12.44	0	32.63888889	0	66.02412	65.67372222	66.02412	333
452	114207	0	0	236	0	0	32.77777778	0	0	65.97844444	65.97844444	334
756	125510	0	0	236	0	0	32.77777778	0	0	65.97844444	65.97844444	335
757	125565	1	1	236	0.333333333	1	32.77777778	1	1	65.97844444	65.97844444	336
1166	140316	0	0	236	0	0	32.77777778	0	0	65.97844444	65.97844444	337
1264	140921	0	0	236	0	0	32.77777778	0	0	65.97844444	65.97844444	338
110	102344	0	65.9008923	0	0	65.900892	0	65.90089	0	0	65.9008923	339
1195	140615	0	65.9008923	0	0	65.900892	0	65.90089	0	0	65.9008923	340
9	100188	0	0	235	0	0	32.63888889	0	0	65.67372222	65.67372222	341
24	100477	0	57.6571103	235	0	57.65711	32.63888889	57.65711	0	65.67372222	65.67372222	342
87	101848	27.61	55.0554017	235	9.203333333	55.055402	32.63888889	55.0554	59.15267667	65.67372222	65.67372222	343
376	110876	23.84	1	235	7.946666667	1	32.63888889	1	56.48477333	65.67372222	65.67372222	344
1026	137811	0	52.4584488	235	0	52.458449	32.63888889	52.45845	0	65.67372222	65.67372222	345

1210	140745	0	0	235	0	0	32.63888889	0	0	65.67372222	65.67372222	346
272	107227	36.67	64.8391813	1	12.22333333	64.839181	0.138888889	64.83918	65.56413667	1	65.56413667	347
1033	137870	0	65.5509388	206	0	65.550939	28.61111111	65.55094	0	56.83677778	65.5509388	348
1187	140531	27.15	65.5509388	130	9.05	65.550939	18.05555556	65.55094	58.82715	33.67788889	65.5509388	349
695	122695	1	1	234	0.333333333	1	32.5	1	1	65.369	65.369	350
705	123240	0	0	234	0	0	32.5	0	0	65.369	65.369	351
877	132440	0	0	234	0	0	32.5	0	0	65.369	65.369	352
1383	141251	0	0	234	0	0	32.5	0	0	65.369	65.369	353
1508	141715	0	0	234	0	0	32.5	0	0	65.369	65.369	354
1	100050	1	1	233	0.333333333	1	32.36111111	1	1	65.06427778	65.06427778	355
1503	141701	0	64.8391813	233	0	64.839181	32.36111111	64.83918	0	65.06427778	65.06427778	356
339	109337	27.77	64.839183	0	9.256666667	64.839183	0	64.83918	59.26590333	0	64.839183	357
430	113153	0	0	232	0	0	32.22222222	0	0	64.75955556	64.75955556	358
1263	140920	0	0	232	0	0	32.22222222	0	0	64.75955556	64.75955556	359
1387	141261	0	0	232	0	0	32.22222222	0	0	64.75955556	64.75955556	360
1445	141473	0	0	232	0	0	32.22222222	0	0	64.75955556	64.75955556	361
1739	143180	0	0	232	0	0	32.22222222	0	0	64.75955556	64.75955556	362
461	114684	35.43	41.0024682	177	11.81	41.002468	24.58333333	41.00247	64.68663	47.99983333	64.68663	363
1485	141619	35.43	0	138	11.81	0	19.16666667	0	64.68663	36.11566667	64.68663	364
677	121888	35.4	0	0	11.8	0	0	0	64.6654	0	64.6654	365
1038	137927	0	64.3082487	0	0	64.308249	0	64.30825	0	0	64.3082487	366
1812	143709	34.82	1	1	11.60666667	1	0.138888889	1	64.25495333	1	64.25495333	367
1027	137814	0	54.8813366	230	0	54.881337	31.94444444	54.88134	0	64.15011111	64.15011111	368
203	104331	0	64.0364534	124	0	64.036453	17.22222222	64.03645	0	31.84955556	64.0364534	369
551	117565	0	64.0364534	169	0	64.036453	23.47222222	64.03645	0	45.56205556	64.0364534	370
709	123407	0	0	229	0	0	31.80555556	0	0	63.84538889	63.84538889	371
1223	140844	0	0	229	0	0	31.80555556	0	0	63.84538889	63.84538889	372
1045	138023	0	63.8	0	0	63.8	0	63.8	0	0	63.8	373
1629	142546	0	63.6465066	212	0	63.646507	29.44444444	63.64651	0	58.66511111	63.6465066	374

148	103103	0	1	228	0	1	31.66666667	1	0	63.54066667	63.54066667	375
111	102375	33.78	18.2787011	0	11.26	18.278701	0	18.2787	63.51898	0	63.51898	376
788	127144	0	63.4554775	0	0	63.455478	0	63.45548	0	0	63.4554775	377
1350	141153	0	63.4554775	0	0	63.455478	0	63.45548	0	0	63.4554775	378
606	119821	0	0	227	0	0	31.52777778	0	0	63.23594444	63.23594444	379
882	132645	1	1	227	0.333333333	1	31.52777778	1	1	63.23594444	63.23594444	380
1385	141255	10.83	0	227	3.61	0	31.52777778	0	47.27803	63.23594444	63.23594444	381
1122	139235	33.29	0	0	11.09666667	0	0	0	63.17222333	0	63.17222333	382
487	115396	33.16	0	0	11.05333333	0	0	0	63.08022667	0	63.08022667	383
762	125713	33.14	0	0	11.04666667	0	0	0	63.06607333	0	63.06607333	384
534	117023	0	63.0655586	211	0	63.065559	29.30555556	63.06556	0	58.36038889	63.0655586	385
1080	138494	0	63.0655586	171	0	63.065559	23.75	63.06556	0	46.1715	63.0655586	386
1562	142102	1	63.0655586	114	0.333333333	63.065559	15.83333333	63.06556	1	28.80233333	63.0655586	387
1762	143352	0	63.0655586	0	0	63.065559	0	63.06556	0	0	63.0655586	388
1797	143602	33.01	0	0	11.00333333	0	0	0	62.97407667	0	62.97407667	389
759	125639	0	62.9694323	0	0	62.969432	0	62.96943	0	0	62.9694323	390
842	130866	7.77	62.9694323	0	2.59	62.969432	0	62.96943	45.11257	0	62.9694323	391
583	118994	0	0	226	0	0	31.38888889	0	0	62.93122222	62.93122222	392
1230	140859	0	0	226	0	0	31.38888889	0	0	62.93122222	62.93122222	393
147	103093	1	53.6472375	225	0.333333333	53.647238	31.25	53.64724	1	62.6265	62.6265	394
356	110047	0	0	225	0	0	31.25	0	0	62.6265	62.6265	395
660	121506	0	56.9887982	225	0	56.988798	31.25	56.9888	0	62.6265	62.6265	396
910	134440	0	0	225	0	0	31.25	0	0	62.6265	62.6265	397
982	136716	0	0	225	0	0	31.25	0	0	62.6265	62.6265	398
1296	141022	0	35.5724838	225	0	35.572484	31.25	35.57248	0	62.6265	62.6265	399
1444	141472	0	0	225	0	0	31.25	0	0	62.6265	62.6265	400
1744	143213	0	0	225	0	0	31.25	0	0	62.6265	62.6265	401
183	103912	32.25	0	0	10.75	0	0	0	62.43625	0	62.43625	402
533	116964	0	62.4307479	215	0	62.430748	29.86111111	62.43075	0	59.57927778	62.4307479	403

769	125986	32.18	50.1993545	181	10.72666667	50.199355	25.13888889	50.19935	62.38671333	49.21872222	62.38671333	404
280	107471	32.1	0	217	10.7	0	30.13888889	0	62.3301	60.18872222	62.3301	405
77	101631	24.06	0	224	8.02	0	31.11111111	0	56.64046	62.32177778	62.32177778	406
151	103129	0	0	224	0	0	31.11111111	0	0	62.32177778	62.32177778	407
1704	142950	32.03	0	0	10.67666667	0	0	0	62.28056333	0	62.28056333	408
761	125653	32.02	59.0989535	176	10.67333333	59.098954	24.44444444	59.09895	62.27348667	47.69511111	62.27348667	409
1550	142019	31.95	0	0	10.65	0	0	0	62.22395	0	62.22395	410
141	102972	1	62.1910006	1	0.333333333	62.191001	0.138888889	62.191	1	1	62.1910006	411
174	103693	0	62.1910006	172	0	62.191001	23.88888889	62.191	0	46.47622222	62.1910006	412
944	135568	1	62.1910006	1	0.333333333	62.191001	0.138888889	62.191	1	1	62.1910006	413
1658	142705	0	62.1910006	0	0	62.191001	0	62.191	0	0	62.1910006	414
275	107345	31.81	1	1	10.60333333	1	0.138888889	1	62.12487667	1	62.12487667	415
1742	143208	31.73	0	0	10.57666667	0	0	0	62.06826333	0	62.06826333	416
400	111878	0	0	223	0	0	30.97222222	0	0	62.01705556	62.01705556	417
718	123763	1	1	223	0.333333333	1	30.97222222	1	1	62.01705556	62.01705556	418
843	130917	0	0	223	0	0	30.97222222	0	0	62.01705556	62.01705556	419
907	134412	18.85	0	223	6.283333333	0	30.97222222	0	52.95351667	62.01705556	62.01705556	420
939	135314	0	0	223	0	0	30.97222222	0	0	62.01705556	62.01705556	421
1398	141282	0	0	223	0	0	30.97222222	0	0	62.01705556	62.01705556	422
1446	141474	0	0	223	0	0	30.97222222	0	0	62.01705556	62.01705556	423
1314	141065	31.51	30.9777862	144	10.50333333	30.977786	20	30.97779	61.91257667	37.944	61.91257667	424
371	110469	31.38	0	0	10.46	0	0	0	61.82058	0	61.82058	425
160	103347	13.67	0	222	4.556666667	0	30.83333333	0	49.28780333	61.71233333	61.71233333	426
617	120018	1	1	222	0.333333333	1	30.83333333	1	1	61.71233333	61.71233333	427
1356	141167	0	0	222	0	0	30.83333333	0	0	61.71233333	61.71233333	428
1642	142610	0	0	222	0	0	30.83333333	0	0	61.71233333	61.71233333	429
85	101822	0	61.5910385	0	0	61.591039	0	61.59104	0	0	61.5910385	430
943	135422	0	61.5910385	0	0	61.591039	0	61.59104	0	0	61.5910385	431
1181	140461	0	61.5910385	0	0	61.591039	0	61.59104	0	0	61.5910385	432

1300	141032	1	61.5910385	220	0.333333333	61.591039	30.55555556	61.59104	1	61.10288889	61.5910385	433
402	112001	0	61.5574023	199	0	61.557402	27.63888889	61.5574	0	54.70372222	61.5574023	434
1423	141377	0	61.5574023	157	0	61.557402	21.80555556	61.5574	0	41.90538889	61.5574023	435
1753	143288	0	61.5574023	0	0	61.557402	0	61.5574	0	0	61.5574023	436
436	113296	30.81	0	0	10.27	0	0	0	61.41721	0	61.41721	437
32	100572	0	46.660338	221	0	46.660338	30.69444444	46.66034	0	61.40761111	61.40761111	438
126	102714	28.71	60.3417505	221	9.57	60.341751	30.69444444	60.34175	59.93111	61.40761111	61.40761111	439
201	104300	0	0	221	0	0	30.69444444	0	0	61.40761111	61.40761111	440
1008	137467	0	0	221	0	0	30.69444444	0	0	61.40761111	61.40761111	441
1113	139121	0	58.9557623	221	0	58.955762	30.69444444	58.95576	0	61.40761111	61.40761111	442
46	100887	30.56	0	213	10.18666667	0	29.58333333	0	61.24029333	58.96983333	61.24029333	443
163	103486	30.41	0	202	10.13666667	0	28.05555556	0	61.13414333	55.61788889	61.13414333	444
35	100655	0	0	220	0	0	30.55555556	0	0	61.10288889	61.10288889	445
374	110777	0	0	220	0	0	30.55555556	0	0	61.10288889	61.10288889	446
395	111628	0	0	220	0	0	30.55555556	0	0	61.10288889	61.10288889	447
840	130512	0	0	220	0	0	30.55555556	0	0	61.10288889	61.10288889	448
1129	139527	0	0	220	0	0	30.55555556	0	0	61.10288889	61.10288889	449
1266	140928	17.58	31.6385039	220	5.86	31.638504	30.55555556	31.6385	52.05478	61.10288889	61.10288889	450
1393	141271	0	0	220	0	0	30.55555556	0	0	61.10288889	61.10288889	451
673	121816	30.19	0	0	10.06333333	0	0	0	60.97845667	0	60.97845667	452
581	118838	0	60.9379153	0	0	60.937915	0	60.93792	0	0	60.9379153	453
586	119134	0	60.9379153	0	0	60.937915	0	60.93792	0	0	60.9379153	454
1176	140424	0	60.9379153	0	0	60.937915	0	60.93792	0	0	60.9379153	455
666	121630	0	60.937	176	0	60.937	24.44444444	60.937	0	47.69511111	60.937	456
53	100986	0	0	219	0	0	30.41666667	0	0	60.79816667	60.79816667	457
62	101176	7.7	56.3888361	219	2.566666667	56.388836	30.41666667	56.38884	45.06303333	60.79816667	60.79816667	458
238	105598	0	0	219	0	0	30.41666667	0	0	60.79816667	60.79816667	459
477	115127	0	0	219	0	0	30.41666667	0	0	60.79816667	60.79816667	460
1163	140308	0	0	219	0	0	30.41666667	0	0	60.79816667	60.79816667	461

1228	140856	1	59.7106802	219	0.333333333	59.71068	30.41666667	59.71068	1	60.79816667	60.79816667	462
627	120269	29.82	53.0817175	1	9.94	53.081718	0.138888889	53.08172	60.71662	1	60.71662	463
54	101015	0	0	218	0	0	30.27777778	0	0	60.49344444	60.49344444	464
175	103744	0	0	218	0	0	30.27777778	0	0	60.49344444	60.49344444	465
604	119720	1	1	218	0.333333333	1	30.27777778	1	1	60.49344444	60.49344444	466
1016	137600	1	1	218	0.333333333	1	30.27777778	1	1	60.49344444	60.49344444	467
1037	137923	17.77	48.0007594	218	5.923333333	48.000759	30.27777778	48.00076	52.18923667	60.49344444	60.49344444	468
1267	140929	0	0	218	0	0	30.27777778	0	0	60.49344444	60.49344444	469
1476	141571	0	0	218	0	0	30.27777778	0	0	60.49344444	60.49344444	470
1821	143764	0	0	218	0	0	30.27777778	0	0	60.49344444	60.49344444	471
1146	140114	29.45	0	0	9.816666667	0	0	0	60.45478333	0	60.45478333	472
227	105277	0	60.3570329	157	0	60.357033	21.80555556	60.35703	0	41.90538889	60.3570329	473
378	110915	0	60.3570329	0	0	60.357033	0	60.35703	0	0	60.3570329	474
854	131342	29.23	0	0	9.743333333	0	0	0	60.29909667	0	60.29909667	475
128	102784	1	1	217	0.333333333	1	30.13888889	1	1	60.18872222	60.18872222	476
1297	141024	0	0	217	0	0	30.13888889	0	0	60.18872222	60.18872222	477
1335	141115	0	0	217	0	0	30.13888889	0	0	60.18872222	60.18872222	478
1382	141247	0	0	217	0	0	30.13888889	0	0	60.18872222	60.18872222	479
1551	142031	0	0	217	0	0	30.13888889	0	0	60.18872222	60.18872222	480
159	103342	0	58.9557623	216	0	58.955762	30	58.95576	0	59.884	59.884	481
1099	138801	20.38	42.6208064	216	6.793333333	42.620806	30	42.62081	54.03624667	59.884	59.884	482
692	122637	5.23	59.7379913	118	1.743333333	59.737991	16.38888889	59.73799	43.31509667	30.02122222	59.7379913	483
1068	138413	0	59.7379913	0	0	59.737991	0	59.73799	0	0	59.7379913	484
1475	141570	0	59.7379913	0	0	59.737991	0	59.73799	0	0	59.7379913	485
333	109237	28.41	0	0	9.47	0	0	0	59.71881	0	59.71881	486
630	120506	0	59.7106802	215	0	59.71068	29.86111111	59.71068	0	59.57927778	59.7106802	487
1111	139082	0	59.7106802	145	0	59.71068	20.13888889	59.71068	0	38.24872222	59.7106802	488
1454	141497	28.27	0	0	9.423333333	0	0	0	59.61973667	0	59.61973667	489
1345	141141	0	0	215	0	0	29.86111111	0	0	59.57927778	59.57927778	490

1360	141174	0	0	215	0	0	29.86111111	0	0	59.57927778	59.57927778	491
1417	141364	0	0	215	0	0	29.86111111	0	0	59.57927778	59.57927778	492
1560	142081	0	0	215	0	0	29.86111111	0	0	59.57927778	59.57927778	493
1565	142127	0	0	215	0	0	29.86111111	0	0	59.57927778	59.57927778	494
1773	143445	1	1	215	0.333333333	1	29.86111111	1	1	59.57927778	59.57927778	495
240	105650	0	0	214	0	0	29.72222222	0	0	59.27455556	59.27455556	496
749	125145	0	0	214	0	0	29.72222222	0	0	59.27455556	59.27455556	497
1397	141281	0	25.5155432	214	0	25.515543	29.72222222	25.51554	0	59.27455556	59.27455556	498
922	134818	27.59	0	0	9.196666667	0	0	0	59.13852333	0	59.13852333	499
689	122519	0	59.0989535	0	0	59.098954	0	59.09895	0	0	59.0989535	500
1126	139353	0	59.0989535	0	0	59.098954	0	59.09895	0	0	59.0989535	501
1147	140115	1	59.0989535	145	0.333333333	59.098954	20.13888889	59.09895	1	38.24872222	59.0989535	502
1161	140274	0	59.0989535	0	0	59.098954	0	59.09895	0	0	59.0989535	503
1676	142789	0	59.09	0	0	59.09	0	59.09	0	0	59.09	504
134	102868	27.44	0	0	9.146666667	0	0	0	59.03237333	0	59.03237333	505
289	107713	27.38	0	0	9.126666667	0	0	0	58.98991333	0	58.98991333	506
1698	142912	27.38	30.9777862	0	9.126666667	30.977786	0	30.97779	58.98991333	0	58.98991333	507
51	100965	0	0	213	0	0	29.58333333	0	0	58.96983333	58.96983333	508
1504	141703	0	0	213	0	0	29.58333333	0	0	58.96983333	58.96983333	509
1512	141752	0	0	213	0	0	29.58333333	0	0	58.96983333	58.96983333	510
393	111591	0	58.9557623	182	0	58.955762	25.27777778	58.95576	0	49.52344444	58.9557623	511
908	134423	21.54	58.9557623	152	7.18	58.955762	21.11111111	58.95576	54.85714	40.38177778	58.9557623	512
937	135290	0	58.9557623	0	0	58.955762	0	58.95576	0	0	58.9557623	513
467	114795	1	1	212	0.333333333	1	29.44444444	1	1	58.66511111	58.66511111	514
592	119352	0	0	212	0	0	29.44444444	0	0	58.66511111	58.66511111	515
845	130937	0	0	212	0	0	29.44444444	0	0	58.66511111	58.66511111	516
1062	138307	0	0	212	0	0	29.44444444	0	0	58.66511111	58.66511111	517
1519	141790	0	0	212	0	0	29.44444444	0	0	58.66511111	58.66511111	518
1529	141844	0	0	212	0	0	29.44444444	0	0	58.66511111	58.66511111	519

859	131614	26.5	45.9464591	1	8.833333333	45.946459	0.138888889	45.94646	58.36716667	1	58.36716667	520
448	114100	0	0	211	0	0	29.30555556	0	0	58.36038889	58.36038889	521
861	131651	0	0	211	0	0	29.30555556	0	0	58.36038889	58.36038889	522
1243	140887	0	0	211	0	0	29.30555556	0	0	58.36038889	58.36038889	523
1298	141029	0	0	211	0	0	29.30555556	0	0	58.36038889	58.36038889	524
1638	142566	1	1	211	0.333333333	1	29.30555556	1	1	58.36038889	58.36038889	525
1711	142981	0	0	211	0	0	29.30555556	0	0	58.36038889	58.36038889	526
1414	141342	0	58.3140308	189	0	58.314031	26.25	58.31403	0	51.6565	58.3140308	527
1573	142224	0	58.3140308	0	0	58.314031	0	58.31403	0	0	58.3140308	528
1603	142399	0	58.3140308	185	0	58.314031	25.69444444	58.31403	0	50.43761111	58.3140308	529
1792	143565	0	58.3140308	0	0	58.314031	0	58.31403	0	0	58.3140308	530
432	113198	0	58.31	174	0	58.31	24.16666667	58.31	0	47.08566667	58.31	531
741	124675	0	58.3025546	174	0	58.302555	24.16666667	58.30255	0	47.08566667	58.3025546	532
912	134499	1	58.3025546	1	0.333333333	58.302555	0.138888889	58.30255	1	1	58.3025546	533
1607	142423	0	58.3025546	0	0	58.302555	0	58.30255	0	0	58.3025546	534
995	137263	26.07	1	1	8.69	1	0.138888889	1	58.06287	1	58.06287	535
138	102923	0	0	210	0	0	29.16666667	0	0	58.05566667	58.05566667	536
329	109160	0	0	210	0	0	29.16666667	0	0	58.05566667	58.05566667	537
336	109259	0	0	210	0	0	29.16666667	0	0	58.05566667	58.05566667	538
368	110342	1	49.0727916	210	0.333333333	49.072792	29.16666667	49.07279	1	58.05566667	58.05566667	539
429	113149	0	0	210	0	0	29.16666667	0	0	58.05566667	58.05566667	540
1047	138096	9.62	0	210	3.206666667	0	29.16666667	0	46.42175333	58.05566667	58.05566667	541
1246	140895	0	0	210	0	0	29.16666667	0	0	58.05566667	58.05566667	542
1322	141075	0	0	210	0	0	29.16666667	0	0	58.05566667	58.05566667	543
1688	142857	0	42.001385	210	0	42.001385	29.16666667	42.00139	0	58.05566667	58.05566667	544
1567	142142	25.91	0	0	8.636666667	0	0	0	57.94964333	0	57.94964333	545
628	120435	0	0	209	0	0	29.02777778	0	0	57.75094444	57.75094444	546
1422	141373	0	0	209	0	0	29.02777778	0	0	57.75094444	57.75094444	547
1092	138700	0	57.748538	206	0	57.748538	28.61111111	57.74854	0	56.83677778	57.748538	548

1691	142865	0	57.748538	0	0	57.748538	0	57.74854	0	0	57.748538	549
1702	142943	0	57.748538	202	0	57.748538	28.05555556	57.74854	0	55.61788889	57.748538	550
1806	143668	1	57.748538	1	0.333333333	57.748538	0.138888889	57.74854	1	1	57.748538	551
1811	143705	25.59	0	0	8.53	0	0	0	57.72319	0	57.72319	552
434	113243	0	57.6571103	183	0	57.65711	25.41666667	57.65711	0	49.82816667	57.6571103	553
1004	137409	0	57.6571103	185	0	57.65711	25.69444444	57.65711	0	50.43761111	57.6571103	554
1239	140877	1	57.6571103	1	0.333333333	57.65711	0.138888889	57.65711	1	1	57.6571103	555
1585	142308	0	57.6571103	0	0	57.65711	0	57.65711	0	0	57.6571103	556
1844	143896	0	57.6571103	168	0	57.65711	23.33333333	57.65711	0	45.25733333	57.6571103	557
146	103032	25.26	0	197	8.42	0	27.36111111	0	57.48966	54.09427778	57.48966	558
733	124407	25.22	35.5724838	0	8.406666667	35.572484	0	35.57248	57.46135333	0	57.46135333	559
407	112286	0	0	208	0	0	28.88888889	0	0	57.44622222	57.44622222	560
975	136468	0	0	208	0	0	28.88888889	0	0	57.44622222	57.44622222	561
1123	139267	0	25.09588	208	0	25.09588	28.88888889	25.09588	0	57.44622222	57.44622222	562
1421	141372	0	0	208	0	0	28.88888889	0	0	57.44622222	57.44622222	563
1520	141801	0	0	208	0	0	28.88888889	0	0	57.44622222	57.44622222	564
1587	142311	0	0	208	0	0	28.88888889	0	0	57.44622222	57.44622222	565
1568	142147	25.02	50.1993545	173	8.34	50.199355	24.02777778	50.19935	57.31982	46.78094444	57.31982	566
1664	142727	25.02	0	0	8.34	0	0	0	57.31982	0	57.31982	567
675	121835	24.81	0	0	8.27	0	0	0	57.17121	0	57.17121	568
11	100213	1	57.1483533	1	0.333333333	57.148353	0.138888889	57.14835	1	1	57.1483533	569
889	133086	0	57.1483533	0	0	57.148353	0	57.14835	0	0	57.1483533	570
1593	142344	0	57.1483533	141	0	57.148353	19.58333333	57.14835	0	37.02983333	57.1483533	571
230	105321	0	1	207	0	1	28.75	1	0	57.1415	57.1415	572
786	127022	0	0	207	0	0	28.75	0	0	57.1415	57.1415	573
1088	138618	0	0	207	0	0	28.75	0	0	57.1415	57.1415	574
1315	141066	0	0	207	0	0	28.75	0	0	57.1415	57.1415	575
1478	141579	0	0	207	0	0	28.75	0	0	57.1415	57.1415	576
1726	143061	0	0	207	0	0	28.75	0	0	57.1415	57.1415	577

1205	140707	24.62	40.4008926	138	8.206666667	40.400893	19.16666667	40.40089	57.03675333	36.11566667	57.03675333	578
537	117061	0	56.9887982	162	0	56.988798	22.5	56.9888	0	43.429	56.9887982	579
1013	137569	0	56.9887982	0	0	56.988798	0	56.9888	0	0	56.9887982	580
254	106341	24.47	27.3172584	0	8.156666667	27.317258	0	27.31726	56.93060333	0	56.93060333	581
993	137084	24.42	0	0	8.14	0	0	0	56.89522	0	56.89522	582
1141	139930	0	49.0727916	206	0	49.072792	28.61111111	49.07279	0	56.83677778	56.83677778	583
455	114458	24.2	0	0	8.066666667	0	0	0	56.73953333	0	56.73953333	584
19	100382	0	0	205	0	0	28.47222222	0	0	56.53205556	56.53205556	585
1094	138766	1	0	205	0.333333333	0	28.47222222	0	1	56.53205556	56.53205556	586
1301	141033	0	0	205	0	0	28.47222222	0	0	56.53205556	56.53205556	587
1379	141231	0	0	205	0	0	28.47222222	0	0	56.53205556	56.53205556	588
1524	141826	0	0	205	0	0	28.47222222	0	0	56.53205556	56.53205556	589
1633	142556	10.5	0	205	3.5	0	28.47222222	0	47.0445	56.53205556	56.53205556	590
1729	143065	0	0	205	0	0	28.47222222	0	0	56.53205556	56.53205556	591
1831	143837	0	0	205	0	0	28.47222222	0	0	56.53205556	56.53205556	592
13	100228	0	56.4789166	184	0	56.478917	25.55555556	56.47892	0	50.13288889	56.4789166	593
56	101034	0	56.4789166	174	0	56.478917	24.16666667	56.47892	0	47.08566667	56.4789166	594
34	100590	0	56.3888361	200	0	56.388836	27.77777778	56.38884	0	55.00844444	56.3888361	595
1031	137860	0	56.3888361	0	0	56.388836	0	56.38884	0	0	56.3888361	596
1069	138422	0	56.38	0	0	56.38	0	56.38	0	0	56.38	597
410	112368	0	0	204	0	0	28.33333333	0	0	56.22733333	56.22733333	598
739	124614	1	30.9777862	204	0.333333333	30.977786	28.33333333	30.97779	1	56.22733333	56.22733333	599
1336	141119	0	0	204	0	0	28.33333333	0	0	56.22733333	56.22733333	600
1455	141498	0	0	204	0	0	28.33333333	0	0	56.22733333	56.22733333	601
1484	141606	0	0	204	0	0	28.33333333	0	0	56.22733333	56.22733333	602
679	121972	23.44	44.0366267	188	7.813333333	44.036627	26.11111111	44.03663	56.20170667	51.35177778	56.20170667	603
1732	143086	23.42	0	0	7.806666667	0	0	0	56.18755333	0	56.18755333	604
98	102068	23.32	0	174	7.773333333	0	24.16666667	0	56.11678667	47.08566667	56.11678667	605
497	115883	23.27	0	0	7.756666667	0	0	0	56.08140333	0	56.08140333	606

587	119136	23.26	0	0	7.753333333	0	0	0	56.07432667	0	56.07432667	607
457	114578	23.21	0	0	7.736666667	0	0	0	56.03894333	0	56.03894333	608
1617	142503	0	56	172	0	56	23.88888889	56	0	46.47622222	56	609
89	101909	0	27.3172584	203	0	27.317258	28.19444444	27.31726	0	55.92261111	55.92261111	610
691	122608	0	0	203	0	0	28.19444444	0	0	55.92261111	55.92261111	611
694	122655	0	0	203	0	0	28.19444444	0	0	55.92261111	55.92261111	612
1285	140980	0	42.7681792	203	0	42.768179	28.19444444	42.76818	0	55.92261111	55.92261111	613
1323	141078	0	0	203	0	0	28.19444444	0	0	55.92261111	55.92261111	614
1384	141254	0	53.6472375	203	0	53.647238	28.19444444	53.64724	0	55.92261111	55.92261111	615
1641	142588	0	0	203	0	0	28.19444444	0	0	55.92261111	55.92261111	616
1100	138843	0	55.9056633	168	0	55.905663	23.33333333	55.90566	0	45.25733333	55.9056633	617
1681	142820	0	55.9056633	0	0	55.905663	0	55.90566	0	0	55.9056633	618
1723	143055	0	55.9056633	0	0	55.905663	0	55.90566	0	0	55.9056633	619
195	104173	22.97	0	171	7.656666667	0	23.75	0	55.86910333	46.1715	55.86910333	620
768	125955	0	0	202	0	0	28.05555556	0	0	55.61788889	55.61788889	621
897	133849	1	46.2757772	202	0.333333333	46.275777	28.05555556	46.27578	1	55.61788889	55.61788889	622
1150	140131	1	42.1074616	202	0.333333333	42.107462	28.05555556	42.10746	1	55.61788889	55.61788889	623
1338	141125	0	0	202	0	0	28.05555556	0	0	55.61788889	55.61788889	624
1661	142717	1.41	0	202	0.47	0	28.05555556	0	40.61181	55.61788889	55.61788889	625
1686	142844	0	0	202	0	0	28.05555556	0	0	55.61788889	55.61788889	626
1597	142355	22.56	0	0	7.52	0	0	0	55.57896	0	55.57896	627
1144	140003	22.45	0	0	7.483333333	0	0	0	55.50111667	0	55.50111667	628
161	103403	0	55.4775014	184	0	55.477501	25.55555556	55.4775	0	50.13288889	55.4775014	629
987	136960	1	55.4775014	1	0.333333333	55.477501	0.138888889	55.4775	1	1	55.4775014	630
1175	140417	22.28	0	0	7.426666667	0	0	0	55.38081333	0	55.38081333	631
839	130486	22.22	0	168	7.406666667	0	23.33333333	0	55.33835333	45.25733333	55.33835333	632
33	100579	0	13.365651	201	0	13.365651	27.91666667	13.36565	0	55.31316667	55.31316667	633
287	107659	1	1	201	0.333333333	1	27.91666667	1	1	55.31316667	55.31316667	634
590	119327	1	1	201	0.333333333	1	27.91666667	1	1	55.31316667	55.31316667	635

941	135324	0	0	201	0	0	27.91666667	0	0	55.31316667	55.31316667	636
1271	140941	1	1	201	0.333333333	1	27.91666667	1	1	55.31316667	55.31316667	637
1292	141002	0	31.6385039	201	0	31.638504	27.91666667	31.6385	0	55.31316667	55.31316667	638
1367	141198	0	32.9257642	201	0	32.925764	27.91666667	32.92576	0	55.31316667	55.31316667	639
1796	143600	0	0	201	0	0	27.91666667	0	0	55.31316667	55.31316667	640
176	103763	17.75	55.0554017	191	5.916666667	55.055402	26.52777778	55.0554	52.17508333	52.26594444	55.0554017	641
1042	137991	0	55.0554017	196	0	55.055402	27.22222222	55.0554	0	53.78955556	55.0554017	642
1075	138461	1	55.0554017	1	0.333333333	55.055402	0.138888889	55.0554	1	1	55.0554017	643
483	115312	0	0	200	0	0	27.77777778	0	0	55.00844444	55.00844444	644
492	115557	0	50.9772238	200	0	50.977224	27.77777778	50.97722	0	55.00844444	55.00844444	645
516	116391	0	0	200	0	0	27.77777778	0	0	55.00844444	55.00844444	646
1115	139144	0	0	200	0	0	27.77777778	0	0	55.00844444	55.00844444	647
1124	139296	0	0	200	0	0	27.77777778	0	0	55.00844444	55.00844444	648
1269	140937	0	0	200	0	0	27.77777778	0	0	55.00844444	55.00844444	649
1768	143397	0	0	200	0	0	27.77777778	0	0	55.00844444	55.00844444	650
1654	142682	0	54.8813366	101	0	54.881337	14.02777778	54.88134	0	24.84094444	54.8813366	651
614	119981	0	0	199	0	0	27.63888889	0	0	54.70372222	54.70372222	652
665	121606	0	0	199	0	0	27.63888889	0	0	54.70372222	54.70372222	653
1668	142745	0	0	199	0	0	27.63888889	0	0	54.70372222	54.70372222	654
221	104899	20.95	1	189	6.983333333	1	26.25	1	54.43961667	51.6565	54.43961667	655
194	104125	0	0	198	0	0	27.5	0	0	54.399	54.399	656
266	106999	0	0	198	0	0	27.5	0	0	54.399	54.399	657
355	109922	0	0	198	0	0	27.5	0	0	54.399	54.399	658
745	124776	0	0	198	0	0	27.5	0	0	54.399	54.399	659
750	125205	0	29.8120372	198	0	29.812037	27.5	29.81204	0	54.399	54.399	660
1234	140869	0	0	198	0	0	27.5	0	0	54.399	54.399	661
1516	141766	0	0	198	0	0	27.5	0	0	54.399	54.399	662
1559	142071	0	0	198	0	0	27.5	0	0	54.399	54.399	663
1746	143229	0	0	198	0	0	27.5	0	0	54.399	54.399	664

663	121587	20.88	0	0	6.96	0	0	0	54.39008	0	54.39008	665
777	126351	1	24.530093	197	0.333333333	24.530093	27.36111111	24.53009	1	54.09427778	54.09427778	666
1299	141031	0	0	197	0	0	27.36111111	0	0	54.09427778	54.09427778	667
1308	141052	1	1	197	0.333333333	1	27.36111111	1	1	54.09427778	54.09427778	668
1403	141293	0	0	197	0	0	27.36111111	0	0	54.09427778	54.09427778	669
1802	143639	0	0	197	0	0	27.36111111	0	0	54.09427778	54.09427778	670
1815	143729	0	0	197	0	0	27.36111111	0	0	54.09427778	54.09427778	671
807	128654	0	0	196	0	0	27.22222222	0	0	53.78955556	53.78955556	672
914	134530	20.01	1	1	6.67	1	0.138888889	1	53.77441	1	53.77441	673
251	106208	19.94	1	190	6.646666667	1	26.38888889	1	53.72487333	51.96122222	53.72487333	674
322	109026	19.94	0	193	6.646666667	0	26.80555556	0	53.72487333	52.87538889	53.72487333	675
118	102565	0	53.6472375	0	0	53.647238	0	53.64724	0	0	53.6472375	676
1809	143687	0	53.6472375	0	0	53.647238	0	53.64724	0	0	53.6472375	677
1226	140851	19.75	0	103	6.583333333	0	14.30555556	0	53.59041667	25.45038889	53.59041667	678
1575	142237	19.66	0	0	6.553333333	0	0	0	53.52672667	0	53.52672667	679
478	115170	0	0	195	0	0	27.08333333	0	0	53.48483333	53.48483333	680
676	121885	0	0	195	0	0	27.08333333	0	0	53.48483333	53.48483333	681
801	128262	1	1	195	0.333333333	1	27.08333333	1	1	53.48483333	53.48483333	682
936	135256	0	0	195	0	0	27.08333333	0	0	53.48483333	53.48483333	683
998	137279	0	0	195	0	0	27.08333333	0	0	53.48483333	53.48483333	684
1318	141071	0	0	195	0	0	27.08333333	0	0	53.48483333	53.48483333	685
1370	141207	0	0	195	0	0	27.08333333	0	0	53.48483333	53.48483333	686
1436	141432	0	0	195	0	0	27.08333333	0	0	53.48483333	53.48483333	687
601	119686	19.3	40.3379533	124	6.433333333	40.337953	17.22222222	40.33795	53.27196667	31.84955556	53.27196667	688
659	121457	19.29	1	1	6.43	1	0.138888889	1	53.26489	1	53.26489	689
178	103782	1	1	194	0.333333333	1	26.94444444	1	1	53.18011111	53.18011111	690
218	104747	1	1	194	0.333333333	1	26.94444444	1	1	53.18011111	53.18011111	691
1295	141021	0	0	194	0	0	26.94444444	0	0	53.18011111	53.18011111	692
1428	141398	0	0	194	0	0	26.94444444	0	0	53.18011111	53.18011111	693

1604	142402	0	0	194	0	0	26.94444444	0	0	53.18011111	53.18011111	694
1693	142881	0	0	194	0	0	26.94444444	0	0	53.18011111	53.18011111	695
418	112690	0	53.0817175	154	0	53.081718	21.38888889	53.08172	0	40.99122222	53.0817175	696
257	106423	19	33.5750902	123	6.333333333	33.57509	17.08333333	33.57509	53.05966667	31.54483333	53.05966667	697
1009	137489	0	52.9789254	175	0	52.978925	24.30555556	52.97893	0	47.39038889	52.9789254	698
834	130056	18.82	0	0	6.273333333	0	0	0	52.93228667	0	52.93228667	699
1270	140938	18.75	0	167	6.25	0	23.19444444	0	52.88275	44.95261111	52.88275	700
543	117359	0	0	193	0	0	26.80555556	0	0	52.87538889	52.87538889	701
1156	140205	0	0	193	0	0	26.80555556	0	0	52.87538889	52.87538889	702
1162	140285	1	1	193	0.333333333	1	26.80555556	1	1	52.87538889	52.87538889	703
1224	140847	17.21	0	193	5.736666667	0	26.80555556	0	51.79294333	52.87538889	52.87538889	704
1233	140866	0	0	193	0	0	26.80555556	0	0	52.87538889	52.87538889	705
1372	141215	0	0	193	0	0	26.80555556	0	0	52.87538889	52.87538889	706
639	120881	18.61	0	0	6.203333333	0	0	0	52.78367667	0	52.78367667	707
312	108758	0	33.933518	192	0	33.933518	26.66666667	33.93352	0	52.57066667	52.57066667	708
328	109104	1	40.4	192	0.333333333	40.4	26.66666667	40.4	1	52.57066667	52.57066667	709
538	117221	1	1	192	0.333333333	1	26.66666667	1	1	52.57066667	52.57066667	710
744	124769	0	32.7523853	192	0	32.752385	26.66666667	32.75239	0	52.57066667	52.57066667	711
1091	138695	0	46.660338	192	0	46.660338	26.66666667	46.66034	0	52.57066667	52.57066667	712
1245	140891	0	0	192	0	0	26.66666667	0	0	52.57066667	52.57066667	713
1326	141084	0	0	192	0	0	26.66666667	0	0	52.57066667	52.57066667	714
1535	141895	0	0	192	0	0	26.66666667	0	0	52.57066667	52.57066667	715
1635	142560	0	0	192	0	0	26.66666667	0	0	52.57066667	52.57066667	716
1206	140716	18.24	0	0	6.08	0	0	0	52.52184	0	52.52184	717
1779	143473	18.24	0	90	6.08	0	12.5	0	52.52184	21.489	52.52184	718
680	121976	1	52.4584488	188	0.333333333	52.458449	26.11111111	52.45845	1	51.35177778	52.4584488	719
716	123695	0	52.4584488	0	0	52.458449	0	52.45845	0	0	52.4584488	720
970	136392	1	52.4584488	1	0.333333333	52.458449	0.138888889	52.45845	1	1	52.4584488	721
1093	138724	0	52.4584488	0	0	52.458449	0	52.45845	0	0	52.4584488	722

1148	140124	0	52.4584488	0	0	52.458449	0	52.45845	0	0	52.4584488	723
1566	142128	0	52.4584488	0	0	52.458449	0	52.45845	0	0	52.4584488	724
1736	143129	0	52.4584488	165	0	52.458449	22.91666667	52.45845	0	44.34316667	52.4584488	725
420	112761	0	1	191	0	1	26.52777778	1	0	52.26594444	52.26594444	726
1457	141500	0	0	191	0	0	26.52777778	0	0	52.26594444	52.26594444	727
1544	141954	0	48.6083159	191	0	48.608316	26.52777778	48.60832	0	52.26594444	52.26594444	728
1803	143642	0	0	191	0	0	26.52777778	0	0	52.26594444	52.26594444	729
1493	141661	17.76	0	0	5.92	0	0	0	52.18216	0	52.18216	730
49	100932	1	52.1245491	150	0.333333333	52.124549	20.83333333	52.12455	1	39.77233333	52.1245491	731
149	103122	12.57	52.1245491	184	4.19	52.124549	25.55555556	52.12455	48.50937	50.13288889	52.1245491	732
571	118578	0	52.1245491	1	0	52.124549	0.138888889	52.12455	0	1	52.1245491	733
1737	143133	1	52.1245491	1	0.333333333	52.124549	0.138888889	52.12455	1	1	52.1245491	734
1006	137441	17.67	0	101	5.89	0	14.02777778	0	52.11847	24.84094444	52.11847	735
223	104965	0	45.9464591	190	0	45.946459	26.38888889	45.94646	0	51.96122222	51.96122222	736
928	134984	1	21.731536	190	0.333333333	21.731536	26.38888889	21.73154	1	51.96122222	51.96122222	737
1001	137331	0	0	190	0	0	26.38888889	0	0	51.96122222	51.96122222	738
1151	140136	0	0	190	0	0	26.38888889	0	0	51.96122222	51.96122222	739
1278	140952	0	0	190	0	0	26.38888889	0	0	51.96122222	51.96122222	740
1369	141206	0	0	190	0	0	26.38888889	0	0	51.96122222	51.96122222	741
1120	139191	1	1	189	0.333333333	1	26.25	1	1	51.6565	51.6565	742
1558	142060	0	0	189	0	0	26.25	0	0	51.6565	51.6565	743
294	108081	0	51.61	114	0	51.61	15.83333333	51.61	0	28.80233333	51.61	744
345	109550	0	51.6004925	166	0	51.600493	23.05555556	51.60049	0	44.64788889	51.6004925	745
931	135106	0	51.6004925	152	0	51.600493	21.11111111	51.60049	0	40.38177778	51.6004925	746
1039	137933	0	51.6004925	0	0	51.600493	0	51.60049	0	0	51.6004925	747
1081	138501	0	51.6004925	0	0	51.600493	0	51.60049	0	0	51.6004925	748
1057	138251	16.84	0	0	5.613333333	0	0	0	51.53110667	0	51.53110667	749
593	119417	1	51.4638314	171	0.333333333	51.463831	23.75	51.46383	1	46.1715	51.4638314	750
1190	140552	0	51.4638314	0	0	51.463831	0	51.46383	0	0	51.4638314	751

1193	140593	0	51.4638314	0	0	51.463831	0	51.46383	0	0	51.4638314	752
91	101963	16.67	0	0	5.556666667	0	0	0	51.41080333	0	51.41080333	753
106	102248	1	1	188	0.333333333	1	26.11111111	1	1	51.35177778	51.35177778	754
168	103624	0	21.1103416	188	0	21.110342	26.11111111	21.11034	0	51.35177778	51.35177778	755
413	112417	0	0	188	0	0	26.11111111	0	0	51.35177778	51.35177778	756
470	114889	0	0	188	0	0	26.11111111	0	0	51.35177778	51.35177778	757
560	117978	0	0	188	0	0	26.11111111	0	0	51.35177778	51.35177778	758
1293	141017	0	0	188	0	0	26.11111111	0	0	51.35177778	51.35177778	759
1312	141060	0	0	188	0	0	26.11111111	0	0	51.35177778	51.35177778	760
1424	141379	0	0	188	0	0	26.11111111	0	0	51.35177778	51.35177778	761
1610	142437	0	0	188	0	0	26.11111111	0	0	51.35177778	51.35177778	762
3	100074	16.4	46.27	0	5.466666667	46.27	0	46.27	51.21973333	0	51.21973333	763
382	111248	16.4	0	0	5.466666667	0	0	0	51.21973333	0	51.21973333	764
1361	141175	16.25	0	136	5.416666667	0	18.88888889	0	51.11358333	35.50622222	51.11358333	765
252	106282	0	0	187	0	0	25.97222222	0	0	51.04705556	51.04705556	766
714	123650	0	0	187	0	0	25.97222222	0	0	51.04705556	51.04705556	767
1011	137500	0	48.0007594	187	0	48.000759	25.97222222	48.00076	0	51.04705556	51.04705556	768
1347	141147	0	0	187	0	0	25.97222222	0	0	51.04705556	51.04705556	769
1651	142670	0	0	187	0	0	25.97222222	0	0	51.04705556	51.04705556	770
1696	142900	0	0	187	0	0	25.97222222	0	0	51.04705556	51.04705556	771
1706	142963	0	25.745206	187	0	25.745206	25.97222222	25.74521	0	51.04705556	51.04705556	772
1740	143184	0	0	187	0	0	25.97222222	0	0	51.04705556	51.04705556	773
47	100902	16.13	0	0	5.376666667	0	0	0	51.02866333	0	51.02866333	774
50	100934	0	50.9772238	170	0	50.977224	23.61111111	50.97722	0	45.86677778	50.9772238	775
925	134857	0	50.8334916	0	0	50.833492	0	50.83349	0	0	50.8334916	776
1174	140413	15.76	33.5750902	169	5.253333333	33.57509	23.47222222	33.57509	50.76682667	45.56205556	50.76682667	777
550	117552	15.73	0	126	5.243333333	0	17.5	0	50.74559667	32.459	50.74559667	778
59	101117	0	0	186	0	0	25.83333333	0	0	50.74233333	50.74233333	779
507	116196	1	1	186	0.333333333	1	25.83333333	1	1	50.74233333	50.74233333	780

711	123511	0	0	186	0	0	25.83333333	0	0	50.74233333	50.74233333	781
1061	138289	0	0	186	0	0	25.83333333	0	0	50.74233333	50.74233333	782
1525	141829	15.22	50.1993545	186	5.073333333	50.199355	25.83333333	50.19935	50.38468667	50.74233333	50.74233333	783
790	127417	15.66	0	85	5.22	0	11.80555556	0	50.69606	19.96538889	50.69606	784
678	121919	15.64	0	152	5.213333333	0	21.11111111	0	50.68190667	40.38177778	50.68190667	785
1044	138021	15.55	50.3000923	0	5.183333333	50.300092	0	50.30009	50.61821667	0	50.61821667	786
655	121305	15.45	0	0	5.15	0	0	0	50.54745	0	50.54745	787
1374	141218	15.44	38.3633947	163	5.146666667	38.363395	22.63888889	38.36339	50.54037333	43.73372222	50.54037333	788
112	102424	15.37	0	0	5.123333333	0	0	0	50.49083667	0	50.49083667	789
1818	143751	15.36	32.93	177	5.12	32.93	24.58333333	32.93	50.48376	47.99983333	50.48376	790
213	104609	0	0	185	0	0	25.69444444	0	0	50.43761111	50.43761111	791
281	107521	1	1	185	0.333333333	1	25.69444444	1	1	50.43761111	50.43761111	792
330	109175	0	0	185	0	0	25.69444444	0	0	50.43761111	50.43761111	793
421	112862	0	0	185	0	0	25.69444444	0	0	50.43761111	50.43761111	794
825	129451	0	0	185	0	0	25.69444444	0	0	50.43761111	50.43761111	795
916	134663	1	1	185	0.333333333	1	25.69444444	1	1	50.43761111	50.43761111	796
956	135847	0	35.3635846	185	0	35.363585	25.69444444	35.36358	0	50.43761111	50.43761111	797
1173	140411	0	0	185	0	0	25.69444444	0	0	50.43761111	50.43761111	798
1249	140900	0	0	185	0	0	25.69444444	0	0	50.43761111	50.43761111	799
1429	141399	0	0	185	0	0	25.69444444	0	0	50.43761111	50.43761111	800
514	116302	15.29	0	1	5.096666667	0	0.138888889	0	50.43422333	1	50.43422333	801
664	121595	15.15	1	174	5.05	1	24.16666667	1	50.33515	47.08566667	50.33515	802
983	136744	0	50.3000923	1	0	50.300092	0.138888889	50.30009	0	1	50.3000923	803
1584	142303	15	0	0	5	0	0	0	50.229	0	50.229	804
198	104259	1	50.1993545	151	0.333333333	50.199355	20.97222222	50.19935	1	40.07705556	50.1993545	805
256	106411	0	50.1993545	0	0	50.199355	0	50.19935	0	0	50.1993545	806
1010	137493	8.88	50.1993545	155	2.96	50.199355	21.52777778	50.19935	45.89808	41.29594444	50.1993545	807
1317	141070	0	50.1993545	151	0	50.199355	20.97222222	50.19935	0	40.07705556	50.1993545	808
1626	142541	0	50.1993545	113	0	50.199355	15.69444444	50.19935	0	28.49761111	50.1993545	809

1788	143535	0	50.19	0	0	50.19	0	50.19	0	0	50.19	810
123	102641	0	0	184	0	0	25.55555556	0	0	50.13288889	50.13288889	811
334	109253	1	36.0508829	184	0.333333333	36.050883	25.55555556	36.05088	1	50.13288889	50.13288889	812
498	115928	0	0	184	0	0	25.55555556	0	0	50.13288889	50.13288889	813
597	119525	0	38.3633947	184	0	38.363395	25.55555556	38.36339	0	50.13288889	50.13288889	814
702	123111	0	0	184	0	0	25.55555556	0	0	50.13288889	50.13288889	815
717	123705	0	0	184	0	0	25.55555556	0	0	50.13288889	50.13288889	816
831	129809	0	0	184	0	0	25.55555556	0	0	50.13288889	50.13288889	817
967	136324	0	0	184	0	0	25.55555556	0	0	50.13288889	50.13288889	818
1145	140056	0	46.9413666	184	0	46.941367	25.55555556	46.94137	0	50.13288889	50.13288889	819
1466	141528	0	0	184	0	0	25.55555556	0	0	50.13288889	50.13288889	820
1826	143796	0	0	184	0	0	25.55555556	0	0	50.13288889	50.13288889	821
225	105159	1	38.9899373	183	0.333333333	38.989937	25.41666667	38.98994	1	49.82816667	49.82816667	822
503	116047	0	0	183	0	0	25.41666667	0	0	49.82816667	49.82816667	823
511	116274	1	1	183	0.333333333	1	25.41666667	1	1	49.82816667	49.82816667	824
870	132111	0	0	183	0	0	25.41666667	0	0	49.82816667	49.82816667	825
1116	139169	0	0	183	0	0	25.41666667	0	0	49.82816667	49.82816667	826
1131	139592	0	0	183	0	0	25.41666667	0	0	49.82816667	49.82816667	827
1157	140226	0	0	183	0	0	25.41666667	0	0	49.82816667	49.82816667	828
1257	140913	0	0	183	0	0	25.41666667	0	0	49.82816667	49.82816667	829
1283	140978	0	0	183	0	0	25.41666667	0	0	49.82816667	49.82816667	830
1334	141112	0	0	183	0	0	25.41666667	0	0	49.82816667	49.82816667	831
1420	141371	0	0	183	0	0	25.41666667	0	0	49.82816667	49.82816667	832
496	115792	0	49.6498923	170	0	49.649892	23.61111111	49.64989	0	45.86677778	49.6498923	833
1034	137871	0	49.6498923	0	0	49.649892	0	49.64989	0	0	49.6498923	834
1563	142111	0	49.6498923	0	0	49.649892	0	49.64989	0	0	49.6498923	835
966	136313	1	1	182	0.333333333	1	25.27777778	1	1	49.52344444	49.52344444	836
1053	138186	0	0	182	0	0	25.27777778	0	0	49.52344444	49.52344444	837
1413	141339	0	0	182	0	0	25.27777778	0	0	49.52344444	49.52344444	838

1657	142701	0	0	182	0	0	25.27777778	0	0	49.52344444	49.52344444	839
1389	141264	0	49.458895	0	0	49.458895	0	49.4589	0	0	49.458895	840
1208	140731	0	49.45	0	0	49.45	0	49.45	0	0	49.45	841
869	132047	13.87	0	1	4.623333333	0	0.138888889	0	49.42933667	1	49.42933667	842
450	114188	1	49.0727916	181	0.333333333	49.072792	25.13888889	49.07279	1	49.21872222	49.21872222	843
532	116882	0	0	181	0	0	25.13888889	0	0	49.21872222	49.21872222	844
652	121198	0	0	181	0	0	25.13888889	0	0	49.21872222	49.21872222	845
1316	141068	0	0	181	0	0	25.13888889	0	0	49.21872222	49.21872222	846
1540	141920	0	0	181	0	0	25.13888889	0	0	49.21872222	49.21872222	847
1759	143340	0	0	181	0	0	25.13888889	0	0	49.21872222	49.21872222	848
1125	139317	0	49.0727916	0	0	49.072792	0	49.07279	0	0	49.0727916	849
1250	140901	0	49.0727916	152	0	49.072792	21.11111111	49.07279	0	40.38177778	49.0727916	850
1842	143891	0	49.0727916	0	0	49.072792	0	49.07279	0	0	49.0727916	851
277	107399	13.27	28.7473069	118	4.423333333	28.747307	16.38888889	28.74731	49.00473667	30.02122222	49.00473667	852
224	104974	13.19	22.5261619	172	4.396666667	22.526162	23.88888889	22.52616	48.94812333	46.47622222	48.94812333	853
248	106072	10.03	33.933518	180	3.343333333	33.933518	25	33.93352	46.71189667	48.914	48.914	854
369	110370	1	1	180	0.333333333	1	25	1	1	48.914	48.914	855
629	120449	0	0	180	0	0	25	0	0	48.914	48.914	856
809	128719	1	1	180	0.333333333	1	25	1	1	48.914	48.914	857
1320	141073	0	0	180	0	0	25	0	0	48.914	48.914	858
1363	141178	0	0	180	0	0	25	0	0	48.914	48.914	859
1426	141393	0	0	180	0	0	25	0	0	48.914	48.914	860
1488	141634	0	0	180	0	0	25	0	0	48.914	48.914	861
1591	142321	0	0	180	0	0	25	0	0	48.914	48.914	862
1640	142582	0	0	180	0	0	25	0	0	48.914	48.914	863
1646	142642	0	0	180	0	0	25	0	0	48.914	48.914	864
30	100558	0	0	179	0	0	24.86111111	0	0	48.60927778	48.60927778	865
206	104356	1	1	179	0.333333333	1	24.86111111	1	1	48.60927778	48.60927778	866
482	115276	1	1	179	0.333333333	1	24.86111111	1	1	48.60927778	48.60927778	867

484	115330	0	28.7473069	179	0	28.747307	24.86111111	28.74731	0	48.60927778	48.60927778	868
707	123385	0	0	179	0	0	24.86111111	0	0	48.60927778	48.60927778	869
883	132689	1	1	179	0.333333333	1	24.86111111	1	1	48.60927778	48.60927778	870
1362	141176	0	0	179	0	0	24.86111111	0	0	48.60927778	48.60927778	871
1431	141412	0	0	179	0	0	24.86111111	0	0	48.60927778	48.60927778	872
1756	143313	0	0	179	0	0	24.86111111	0	0	48.60927778	48.60927778	873
1309	141056	1	48.6083159	156	0.333333333	48.608316	21.66666667	48.60832	1	41.60066667	48.6083159	874
124	102644	12.42	0	0	4.14	0	0	0	48.40322	0	48.40322	875
190	104083	1	0	178	0.333333333	0	24.72222222	0	1	48.30455556	48.30455556	876
274	107296	0	44.9212075	178	0	44.921208	24.72222222	44.92121	0	48.30455556	48.30455556	877
803	128464	0	21.731536	178	0	21.731536	24.72222222	21.73154	0	48.30455556	48.30455556	878
1713	142992	0	0	178	0	0	24.72222222	0	0	48.30455556	48.30455556	879
1856	143974	0	0	178	0	0	24.72222222	0	0	48.30455556	48.30455556	880
318	108982	12.18	0	134	4.06	0	18.61111111	0	48.23338	34.89677778	48.23338	881
833	129884	1	48.1840566	1	0.333333333	48.184057	0.138888889	48.18406	1	1	48.1840566	882
105	102225	0	48.0007594	155	0	48.000759	21.52777778	48.00076	0	41.29594444	48.0007594	883
1858	143995	0	48	124	0	48	17.22222222	48	0	31.84955556	48	884
72	101553	0	28.1971376	177	0	28.197138	24.58333333	28.19714	0	47.99983333	47.99983333	885
214	104616	0	0	177	0	0	24.58333333	0	0	47.99983333	47.99983333	886
239	105647	0	0	177	0	0	24.58333333	0	0	47.99983333	47.99983333	887
302	108511	0	0	177	0	0	24.58333333	0	0	47.99983333	47.99983333	888
637	120766	0	0	177	0	0	24.58333333	0	0	47.99983333	47.99983333	889
738	124520	0	0	177	0	0	24.58333333	0	0	47.99983333	47.99983333	890
1065	138356	0	0	177	0	0	24.58333333	0	0	47.99983333	47.99983333	891
1079	138480	0	0	177	0	0	24.58333333	0	0	47.99983333	47.99983333	892
1282	140975	0	0	177	0	0	24.58333333	0	0	47.99983333	47.99983333	893
1528	141841	0	0	177	0	0	24.58333333	0	0	47.99983333	47.99983333	894
772	126116	11.67	0	80	3.89	0	11.11111111	0	47.87247	18.44177778	47.87247	895
401	111901	11.64	29.1285362	105	3.88	29.128536	14.58333333	29.12854	47.85124	26.05983333	47.85124	896

884	132773	11.43	0	0	3.81	0	0	0	47.70263	0	47.70263	897
683	122232	0	0	176	0	0	24.44444444	0	0	47.69511111	47.69511111	898
1070	138441	0	0	176	0	0	24.44444444	0	0	47.69511111	47.69511111	899
1254	140907	0	0	176	0	0	24.44444444	0	0	47.69511111	47.69511111	900
1354	141159	0	22.7567875	176	0	22.756788	24.44444444	22.75679	0	47.69511111	47.69511111	901
1738	143164	0	0	176	0	0	24.44444444	0	0	47.69511111	47.69511111	902
1394	141274	11.25	29.3590335	111	3.75	29.359034	15.41666667	29.35903	47.57525	27.88816667	47.57525	903
1275	140948	11.24	0	161	3.746666667	0	22.36111111	0	47.56817333	43.12427778	47.56817333	904
1028	137818	11.2	21.9952293	0	3.733333333	21.995229	0	21.99523	47.53986667	0	47.53986667	905
39	100701	0	0	175	0	0	24.30555556	0	0	47.39038889	47.39038889	906
1703	142947	0	0	175	0	0	24.30555556	0	0	47.39038889	47.39038889	907
293	107955	0	47.3704196	0	0	47.37042	0	47.37042	0	0	47.3704196	908
1822	143769	0	47.3704196	131	0	47.37042	18.19444444	47.37042	0	33.98261111	47.3704196	909
1221	140842	10.94	16.943675	137	3.646666667	16.943675	19.02777778	16.94368	47.35587333	35.81094444	47.35587333	910
187	103996	10.87	0	0	3.623333333	0	0	0	47.30633667	0	47.30633667	911
1346	141144	10.63	13	115	3.543333333	13	15.97222222	13	47.13649667	29.10705556	47.13649667	912
217	104692	0	35.3635846	174	0	35.363585	24.16666667	35.36358	0	47.08566667	47.08566667	913
390	111527	0	25.745206	174	0	25.745206	24.16666667	25.74521	0	47.08566667	47.08566667	914
406	112277	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	915
411	112382	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	916
684	122278	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	917
747	124956	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	918
865	131789	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	919
1242	140885	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	920
1252	140905	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	921
1281	140961	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	922
1305	141046	0	45.9464591	174	0	45.946459	24.16666667	45.94646	0	47.08566667	47.08566667	923
1330	141092	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	924
1482	141590	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	925

1620	142508	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	926
1816	143741	0	0	174	0	0	24.16666667	0	0	47.08566667	47.08566667	927
1244	140889	10.43	21.1619518	109	3.476666667	21.161952	15.13888889	21.16195	46.99496333	27.27872222	46.99496333	928
1600	142364	10.32	37.4038166	0	3.44	37.403817	0	37.40382	46.91712	0	46.91712	929
83	101712	10.31	0	0	3.436666667	0	0	0	46.91004333	0	46.91004333	930
804	128504	10.3	0	0	3.433333333	0	0	0	46.90296667	0	46.90296667	931
207	104457	1	43.3518006	173	0.333333333	43.351801	24.02777778	43.3518	1	46.78094444	46.78094444	932
394	111607	0	0	173	0	0	24.02777778	0	0	46.78094444	46.78094444	933
633	120658	1	1	173	0.333333333	1	24.02777778	1	1	46.78094444	46.78094444	934
1199	140647	0	0	173	0	0	24.02777778	0	0	46.78094444	46.78094444	935
1348	141148	0	43.3518006	173	0	43.351801	24.02777778	43.3518	0	46.78094444	46.78094444	936
1365	141192	1	1	173	0.333333333	1	24.02777778	1	1	46.78094444	46.78094444	937
1496	141677	1	22.2251756	173	0.333333333	22.225176	24.02777778	22.22518	1	46.78094444	46.78094444	938
1804	143658	0	0	173	0	0	24.02777778	0	0	46.78094444	46.78094444	939
1286	140982	0	46.660338	143	0	46.660338	19.86111111	46.66034	0	37.63927778	46.660338	940
771	126081	9.87	0	0	3.29	0	0	0	46.59867	0	46.59867	941
783	126829	0	28.1971376	172	0	28.197138	23.88888889	28.19714	0	46.47622222	46.47622222	942
971	136395	0	0	172	0	0	23.88888889	0	0	46.47622222	46.47622222	943
1332	141101	0	0	172	0	0	23.88888889	0	0	46.47622222	46.47622222	944
1375	141219	0	0	172	0	0	23.88888889	0	0	46.47622222	46.47622222	945
22	100415	1	46.2757772	1	0.333333333	46.275777	0.138888889	46.27578	1	1	46.2757772	946
97	102027	1	46.2757772	126	0.333333333	46.275777	17.5	46.27578	1	32.459	46.2757772	947
351	109875	1	46.2757772	159	0.333333333	46.275777	22.08333333	46.27578	1	42.51483333	46.2757772	948
1722	143039	0	46.2757772	0	0	46.275777	0	46.27578	0	0	46.2757772	949
1765	143371	9.3	0	0	3.1	0	0	0	46.1953	0	46.1953	950
383	111337	0	39.6772356	171	0	39.677236	23.75	39.67724	0	46.1715	46.1715	951
428	113022	0	0	171	0	0	23.75	0	0	46.1715	46.1715	952
491	115553	0	0	171	0	0	23.75	0	0	46.1715	46.1715	953
506	116168	1	1	171	0.333333333	1	23.75	1	1	46.1715	46.1715	954

1291	140997	0	0	171	0	0	23.75	0	0	46.1715	46.1715	955
1376	141223	0	0	171	0	0	23.75	0	0	46.1715	46.1715	956
1755	143308	9.17	0	0	3.056666667	0	0	0	46.10330333	0	46.10330333	957
471	114915	9.06	0	158	3.02	0	21.94444444	0	46.02546	42.21011111	46.02546	958
426	112962	8.97	36.1957525	166	2.99	36.195753	23.05555556	36.19575	45.96177	44.64788889	45.96177	959
286	107627	0	45.9464591	85	0	45.946459	11.80555556	45.94646	0	19.96538889	45.9464591	960
300	108414	1	45.9464591	1	0.333333333	45.946459	0.138888889	45.94646	1	1	45.9464591	961
357	110074	0	35.3635846	170	0	35.363585	23.61111111	35.36358	0	45.86677778	45.86677778	962
585	119036	0	39.0620191	170	0	39.062019	23.61111111	39.06202	0	45.86677778	45.86677778	963
952	135761	0	20.5640197	170	0	20.56402	23.61111111	20.56402	0	45.86677778	45.86677778	964
1279	140955	0	0	170	0	0	23.61111111	0	0	45.86677778	45.86677778	965
1838	143879	0	0	170	0	0	23.61111111	0	0	45.86677778	45.86677778	966
1852	143945	0	0	170	0	0	23.61111111	0	0	45.86677778	45.86677778	967
1853	143964	0	45.6409665	0	0	45.640967	0	45.64097	0	0	45.6409665	968
67	101427	0	0	169	0	0	23.47222222	0	0	45.56205556	45.56205556	969
438	113375	1	1	169	0.333333333	1	23.47222222	1	1	45.56205556	45.56205556	970
605	119747	0	26.34	169	0	26.34	23.47222222	26.34	0	45.56205556	45.56205556	971
607	119836	0	0	169	0	0	23.47222222	0	0	45.56205556	45.56205556	972
706	123371	0	0	169	0	0	23.47222222	0	0	45.56205556	45.56205556	973
817	129058	0	0	169	0	0	23.47222222	0	0	45.56205556	45.56205556	974
951	135758	0	38.3848877	169	0	38.384888	23.47222222	38.38489	0	45.56205556	45.56205556	975
1086	138593	0	NA	169	0	NA	23.47222222	NA	0	45.56205556	45.56205556	976
1241	140883	0	0	169	0	0	23.47222222	0	0	45.56205556	45.56205556	977
1416	141359	0	0	169	0	0	23.47222222	0	0	45.56205556	45.56205556	978
1636	142561	0	0	169	0	0	23.47222222	0	0	45.56205556	45.56205556	979
1674	142785	0	0	169	0	0	23.47222222	0	0	45.56205556	45.56205556	980
589	119306	8.22	1	1	2.74	1	0.138888889	1	45.43102	1	45.43102	981
923	134820	8.03	0	0	2.676666667	0	0	0	45.29656333	0	45.29656333	982
1410	141322	0	0	168	0	0	23.33333333	0	0	45.25733333	45.25733333	983

1517	141783	0	31.6385039	168	0	31.638504	23.33333333	31.6385	0	45.25733333	45.25733333	984
570	118577	7.62	0	0	2.54	0	0	0	45.00642	0	45.00642	985
1324	141079	0	0	167	0	0	23.19444444	0	0	44.95261111	44.95261111	986
1450	141489	0	0	167	0	0	23.19444444	0	0	44.95261111	44.95261111	987
1750	143262	0	0	167	0	0	23.19444444	0	0	44.95261111	44.95261111	988
1785	143508	0	36.1957525	167	0	36.195753	23.19444444	36.19575	0	44.95261111	44.95261111	989
918	134705	1	44.9212075	0	0.333333333	44.921208	0	44.92121	1	0	44.9212075	990
90	101933	0	0	166	0	0	23.05555556	0	0	44.64788889	44.64788889	991
131	102828	0	0	166	0	0	23.05555556	0	0	44.64788889	44.64788889	992
362	110158	0	0	166	0	0	23.05555556	0	0	44.64788889	44.64788889	993
1158	140235	0	26.7159126	166	0	26.715913	23.05555556	26.71591	0	44.64788889	44.64788889	994
1670	142763	0	0	166	0	0	23.05555556	0	0	44.64788889	44.64788889	995
703	123115	6.94	0	149	2.313333333	0	20.69444444	0	44.52520667	39.46761111	44.52520667	996
579	118786	0	0	165	0	0	22.91666667	0	0	44.34316667	44.34316667	997
1321	141074	0	0	165	0	0	22.91666667	0	0	44.34316667	44.34316667	998
1460	141506	0	23.8997532	165	0	23.899753	22.91666667	23.89975	0	44.34316667	44.34316667	999
1483	141599	0	0	165	0	0	22.91666667	0	0	44.34316667	44.34316667	1000
1537	141909	0	0	165	0	0	22.91666667	0	0	44.34316667	44.34316667	1001
1733	143090	0	0	165	0	0	22.91666667	0	0	44.34316667	44.34316667	1002
567	118422	1	44.2111259	146	0.333333333	44.211126	20.27777778	44.21113	1	38.55344444	44.2111259	1003
2	100051	0	1	164	0	1	22.77777778	1	0	44.03844444	44.03844444	1004
414	112532	0	0	164	0	0	22.77777778	0	0	44.03844444	44.03844444	1005
424	112902	0	0	164	0	0	22.77777778	0	0	44.03844444	44.03844444	1006
435	113266	1	1	164	0.333333333	1	22.77777778	1	1	44.03844444	44.03844444	1007
651	121164	0	37.4482628	164	0	37.448263	22.77777778	37.44826	0	44.03844444	44.03844444	1008
1253	140906	0	0	164	0	0	22.77777778	0	0	44.03844444	44.03844444	1009
1294	141019	0	0	164	0	0	22.77777778	0	0	44.03844444	44.03844444	1010
1337	141123	0	0	164	0	0	22.77777778	0	0	44.03844444	44.03844444	1011
1564	142114	0	0	164	0	0	22.77777778	0	0	44.03844444	44.03844444	1012

1619	142507	0	0	164	0	0	22.77777778	0	0	44.03844444	44.03844444	1013
615	119987	0	44.0366267	122	0	44.036627	16.94444444	44.03663	0	31.24011111	44.0366267	1014
710	123458	1	44	1	0.333333333	44	0.138888889	44	1	1	44	1015
29	100538	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1016
173	103669	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1017
344	109450	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1018
719	123776	1	23.8997532	163	0.333333333	23.899753	22.63888889	23.89975	1	43.73372222	43.73372222	1019
734	124432	0	1	163	0	1	22.63888889	1	0	43.73372222	43.73372222	1020
836	130286	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1021
985	136932	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1022
1238	140876	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1023
1438	141454	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1024
1509	141726	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1025
1579	142270	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1026
1628	142545	0	0	163	0	0	22.63888889	0	0	43.73372222	43.73372222	1027
1103	138910	5.76	28.5513575	1	1.92	28.551358	0.138888889	28.55136	43.69016	1	43.69016	1028
994	137214	1	43.5276248	144	0.333333333	43.527625	20	43.52762	1	37.944	43.5276248	1029
1710	142979	5.41	0	0	1.803333333	0	0	0	43.44247667	0	43.44247667	1030
45	100860	0	0	162	0	0	22.5	0	0	43.429	43.429	1031
82	101705	0	37.4482628	162	0	37.448263	22.5	37.44826	0	43.429	43.429	1032
290	107716	0	11.74	162	0	11.74	22.5	11.74	0	43.429	43.429	1033
304	108566	0	0	162	0	0	22.5	0	0	43.429	43.429	1034
767	125932	0	0	162	0	0	22.5	0	0	43.429	43.429	1035
1319	141072	0	0	162	0	0	22.5	0	0	43.429	43.429	1036
1518	141789	0	0	162	0	0	22.5	0	0	43.429	43.429	1037
1599	142363	0	0	162	0	0	22.5	0	0	43.429	43.429	1038
1602	142388	5.17	0	0	1.723333333	0	0	0	43.27263667	0	43.27263667	1039
116	102547	5.12	42.001385	146	1.706666667	42.001385	20.27777778	42.00139	43.23725333	38.55344444	43.23725333	1040
107	102252	1	30.977	161	0.333333333	30.977	22.36111111	30.977	1	43.12427778	43.12427778	1041

284	107585	0	0	161	0	0	22.36111111	0	0	43.12427778	43.12427778	1042
1392	141270	0	0	161	0	0	22.36111111	0	0	43.12427778	43.12427778	1043
1364	141180	4.93	0	132	1.643333333	0	18.33333333	0	43.10279667	34.28733333	43.10279667	1044
1807	143669	4.85	0	0	1.616666667	0	0	0	43.04618333	0	43.04618333	1045
451	114193	4.54	0	0	1.513333333	0	0	0	42.82680667	0	42.82680667	1046
15	100273	0	0	160	0	0	22.22222222	0	0	42.81955556	42.81955556	1047
199	104263	0	0	160	0	0	22.22222222	0	0	42.81955556	42.81955556	1048
250	106160	1	1	160	0.333333333	1	22.22222222	1	1	42.81955556	42.81955556	1049
529	116751	1	1	160	0.333333333	1	22.22222222	1	1	42.81955556	42.81955556	1050
917	134684	0	0	160	0	0	22.22222222	0	0	42.81955556	42.81955556	1051
1067	138412	0	0	160	0	0	22.22222222	0	0	42.81955556	42.81955556	1052
1192	140589	1	1	160	0.333333333	1	22.22222222	1	1	42.81955556	42.81955556	1053
1313	141062	0	0	160	0	0	22.22222222	0	0	42.81955556	42.81955556	1054
1452	141493	0	0	160	0	0	22.22222222	0	0	42.81955556	42.81955556	1055
1594	142347	0	0	160	0	0	22.22222222	0	0	42.81955556	42.81955556	1056
1680	142819	1	1	160	0.333333333	1	22.22222222	1	1	42.81955556	42.81955556	1057
1799	143608	0	24.530093	160	0	24.530093	22.22222222	24.53009	0	42.81955556	42.81955556	1058
1800	143615	1	1	160	0.333333333	1	22.22222222	1	1	42.81955556	42.81955556	1059
241	105660	0	42.6208064	122	0	42.620806	16.94444444	42.62081	0	31.24011111	42.6208064	1060
481	115207	0	42.6208064	115	0	42.620806	15.97222222	42.62081	0	29.10705556	42.6208064	1061
1497	141678	0	42.6208064	146	0	42.620806	20.27777778	42.62081	0	38.55344444	42.6208064	1062
875	132423	4.1	0	0	1.366666667	0	0	0	42.51543333	0	42.51543333	1063
41	100719	0	0	159	0	0	22.08333333	0	0	42.51483333	42.51483333	1064
232	105437	0	0	159	0	0	22.08333333	0	0	42.51483333	42.51483333	1065
307	108609	0	0	159	0	0	22.08333333	0	0	42.51483333	42.51483333	1066
1101	138847	0	0	159	0	0	22.08333333	0	0	42.51483333	42.51483333	1067
1355	141160	0	0	159	0	0	22.08333333	0	0	42.51483333	42.51483333	1068
1462	141508	0	0	159	0	0	22.08333333	0	0	42.51483333	42.51483333	1069
58	101109	0	0	158	0	0	21.94444444	0	0	42.21011111	42.21011111	1070

162	103463	0	0	158	0	0	21.94444444	0	0	42.21011111	42.21011111	1071
209	104514	0	32.7523853	158	0	32.752385	21.94444444	32.75239	0	42.21011111	42.21011111	1072
1020	137690	0	0	158	0	0	21.94444444	0	0	42.21011111	42.21011111	1073
1276	140949	0	0	158	0	0	21.94444444	0	0	42.21011111	42.21011111	1074
1832	143851	0	0	158	0	0	21.94444444	0	0	42.21011111	42.21011111	1075
48	100929	1	42.1074616	1	0.333333333	42.107462	0.138888889	42.10746	1	1	42.1074616	1076
984	136904	0	42.1	101	0	42.1	14.02777778	42.1	0	24.84094444	42.1	1077
554	117690	0	42.001385	1	0	42.001385	0.138888889	42.00139	0	1	42.001385	1078
636	120733	1	42.001385	140	0.333333333	42.001385	19.44444444	42.00139	1	36.72511111	42.001385	1079
727	124178	0	42.001385	137	0	42.001385	19.02777778	42.00139	0	35.81094444	42.001385	1080
1178	140430	0	42.001385	116	0	42.001385	16.11111111	42.00139	0	29.41177778	42.001385	1081
1179	140431	0	42.001385	0	0	42.001385	0	42.00139	0	0	42.001385	1082
535	117054	0	1	157	0	1	21.80555556	1	0	41.90538889	41.90538889	1083
770	126014	0	0	157	0	0	21.80555556	0	0	41.90538889	41.90538889	1084
946	135625	0	0	157	0	0	21.80555556	0	0	41.90538889	41.90538889	1085
1433	141417	0	0	157	0	0	21.80555556	0	0	41.90538889	41.90538889	1086
1514	141759	0	0	157	0	0	21.80555556	0	0	41.90538889	41.90538889	1087
1576	142241	1	1	157	0.333333333	1	21.80555556	1	1	41.90538889	41.90538889	1088
1650	142664	0	0	157	0	0	21.80555556	0	0	41.90538889	41.90538889	1089
427	113004	0	0	156	0	0	21.66666667	0	0	41.60066667	41.60066667	1090
563	118044	1	1	156	0.333333333	1	21.66666667	1	1	41.60066667	41.60066667	1091
578	118775	0	0	156	0	0	21.66666667	0	0	41.60066667	41.60066667	1092
603	119719	0	0	156	0	0	21.66666667	0	0	41.60066667	41.60066667	1093
880	132502	0	0	156	0	0	21.66666667	0	0	41.60066667	41.60066667	1094
1396	141280	0	0	156	0	0	21.66666667	0	0	41.60066667	41.60066667	1095
1530	141852	0	0	156	0	0	21.66666667	0	0	41.60066667	41.60066667	1096
1727	143062	0	0	156	0	0	21.66666667	0	0	41.60066667	41.60066667	1097
737	124500	2.75	21.1619518	152	0.916666667	21.161952	21.11111111	21.16195	41.56008333	40.38177778	41.56008333	1098
1487	141629	2.58	0	138	0.86	0	19.16666667	0	41.43978	36.11566667	41.43978	1099

93	101981	1	1	155	0.333333333	1	21.52777778	1	1	41.29594444	41.29594444	1100
184	103914	0	0	155	0	0	21.52777778	0	0	41.29594444	41.29594444	1101
469	114883	0	0	155	0	0	21.52777778	0	0	41.29594444	41.29594444	1102
525	116568	0	0	155	0	0	21.52777778	0	0	41.29594444	41.29594444	1103
625	120201	0	0	155	0	0	21.52777778	0	0	41.29594444	41.29594444	1104
713	123624	0	0	155	0	0	21.52777778	0	0	41.29594444	41.29594444	1105
990	136999	1	1	155	0.333333333	1	21.52777778	1	1	41.29594444	41.29594444	1106
1202	140693	0	1	155	0	1	21.52777778	1	0	41.29594444	41.29594444	1107
1232	140865	0	0	155	0	0	21.52777778	0	0	41.29594444	41.29594444	1108
1411	141325	0	0	155	0	0	21.52777778	0	0	41.29594444	41.29594444	1109
1625	142540	0	0	155	0	0	21.52777778	0	0	41.29594444	41.29594444	1110
1751	143270	2.21	0	67	0.736666667	0	9.305555556	0	41.17794333	14.48038889	41.17794333	1111
1778	143472	2.16	24.530093	0	0.72	24.530093	0	24.53009	41.14256	0	41.14256	1112
1102	138863	0	41.0024682	0	0	41.002468	0	41.00247	0	0	41.0024682	1113
20	100392	1	1	154	0.333333333	1	21.38888889	1	1	40.99122222	40.99122222	1114
1049	138143	0	0	154	0	0	21.38888889	0	0	40.99122222	40.99122222	1115
1325	141081	0	0	154	0	0	21.38888889	0	0	40.99122222	40.99122222	1116
1481	141588	0	0	154	0	0	21.38888889	0	0	40.99122222	40.99122222	1117
1665	142732	0	0	154	0	0	21.38888889	0	0	40.99122222	40.99122222	1118
1672	142771	0	0	154	0	0	21.38888889	0	0	40.99122222	40.99122222	1119
1685	142835	0	0	154	0	0	21.38888889	0	0	40.99122222	40.99122222	1120
1795	143590	0	0	154	0	0	21.38888889	0	0	40.99122222	40.99122222	1121
1522	141810	1.72	0	138	0.573333333	0	19.16666667	0	40.83118667	36.11566667	40.83118667	1122
270	107193	0	0	153	0	0	21.25	0	0	40.6865	40.6865	1123
283	107528	1	1	153	0.333333333	1	21.25	1	1	40.6865	40.6865	1124
381	111165	0	0	153	0	0	21.25	0	0	40.6865	40.6865	1125
459	114607	0	0	153	0	0	21.25	0	0	40.6865	40.6865	1126
553	117650	0	0	153	0	0	21.25	0	0	40.6865	40.6865	1127
591	119348	1	1	153	0.333333333	1	21.25	1	1	40.6865	40.6865	1128

821	129277	1	1	153	0.333333333	1	21.25	1	1	40.6865	40.6865	1129
968	136343	0	0	153	0	0	21.25	0	0	40.6865	40.6865	1130
989	136996	0	0	153	0	0	21.25	0	0	40.6865	40.6865	1131
1112	139087	0	0	153	0	0	21.25	0	0	40.6865	40.6865	1132
1531	141864	1	39.0620191	153	0.333333333	39.062019	21.25	39.06202	1	40.6865	40.6865	1133
1548	142005	1	36.1957525	153	0.333333333	36.195753	21.25	36.19575	1	40.6865	40.6865	1134
310	108677	0	0	152	0	0	21.11111111	0	0	40.38177778	40.38177778	1135
464	114738	1	1	152	0.333333333	1	21.11111111	1	1	40.38177778	40.38177778	1136
495	115747	0	0	152	0	0	21.11111111	0	0	40.38177778	40.38177778	1137
556	117763	1	1	152	0.333333333	1	21.11111111	1	1	40.38177778	40.38177778	1138
667	121727	0	0	152	0	0	21.11111111	0	0	40.38177778	40.38177778	1139
806	128613	0	36.7305867	152	0	36.730587	21.11111111	36.73059	0	40.38177778	40.38177778	1140
978	136542	0	0	152	0	0	21.11111111	0	0	40.38177778	40.38177778	1141
1191	140569	0	16.4742998	152	0	16.4743	21.11111111	16.4743	0	40.38177778	40.38177778	1142
1380	141242	0	0	152	0	0	21.11111111	0	0	40.38177778	40.38177778	1143
1391	141266	0	0	152	0	0	21.11111111	0	0	40.38177778	40.38177778	1144
1399	141287	1	1	152	0.333333333	1	21.11111111	1	1	40.38177778	40.38177778	1145
1546	141995	0	0	152	0	0	21.11111111	0	0	40.38177778	40.38177778	1146
1616	142500	0	0	152	0	0	21.11111111	0	0	40.38177778	40.38177778	1147
1639	142571	0	0	152	0	0	21.11111111	0	0	40.38177778	40.38177778	1148
1714	142993	0	28.5513575	152	0	28.551358	21.11111111	28.55136	0	40.38177778	40.38177778	1149
1601	142371	0	40.3379533	0	0	40.337953	0	40.33795	0	0	40.3379533	1150
1605	142407	0	40.3379533	0	0	40.337953	0	40.33795	0	0	40.3379533	1151
220	104891	0	0	151	0	0	20.97222222	0	0	40.07705556	40.07705556	1152
444	113904	0	0	151	0	0	20.97222222	0	0	40.07705556	40.07705556	1153
547	117392	0	0	151	0	0	20.97222222	0	0	40.07705556	40.07705556	1154
1827	143800	0	0	151	0	0	20.97222222	0	0	40.07705556	40.07705556	1155
1776	143463	0.63	0	114	0.21	0	15.83333333	0	40.05983	28.80233333	40.05983	1156
231	105386	0.55	0	109	0.183333333	0	15.13888889	0	40.00321667	27.27872222	40.00321667	1157

1697	142904	1	1	150	0.333333333	1	20.83333333	1	1	39.77233333	39.77233333	1158
113	102471	0	0	150	0	0	20.83333333	0	0	39.77233333	39.77233333	1159
632	120621	0	0	150	0	0	20.83333333	0	0	39.77233333	39.77233333	1160
748	125022	0	0	150	0	0	20.83333333	0	0	39.77233333	39.77233333	1161
760	125646	0	0	150	0	0	20.83333333	0	0	39.77233333	39.77233333	1162
1353	141158	0	0	150	0	0	20.83333333	0	0	39.77233333	39.77233333	1163
1401	141291	0	0	150	0	0	20.83333333	0	0	39.77233333	39.77233333	1164
1499	141688	0	0	150	0	0	20.83333333	0	0	39.77233333	39.77233333	1165
1745	143218	0	0	150	0	0	20.83333333	0	0	39.77233333	39.77233333	1166
1836	143875	0	0	150	0	0	20.83333333	0	0	39.77233333	39.77233333	1167
851	131171	0	39.6772356	0	0	39.677236	0	39.67724	0	0	39.6772356	1168
431	113159	0	0	149	0	0	20.69444444	0	0	39.46761111	39.46761111	1169
696	122830	0	0	149	0	0	20.69444444	0	0	39.46761111	39.46761111	1170
812	128797	0	0	149	0	0	20.69444444	0	0	39.46761111	39.46761111	1171
813	128872	0	0	149	0	0	20.69444444	0	0	39.46761111	39.46761111	1172
1409	141320	0	0	149	0	0	20.69444444	0	0	39.46761111	39.46761111	1173
215	104640	0	0	148	0	0	20.55555556	0	0	39.16288889	39.16288889	1174
832	129833	0	0	148	0	0	20.55555556	0	0	39.16288889	39.16288889	1175
850	131165	0	0	148	0	0	20.55555556	0	0	39.16288889	39.16288889	1176
1448	141484	0	0	148	0	0	20.55555556	0	0	39.16288889	39.16288889	1177
1775	143456	0	0	148	0	0	20.55555556	0	0	39.16288889	39.16288889	1178
1848	143911	0	0	148	0	0	20.55555556	0	0	39.16288889	39.16288889	1179
1689	142858	0	39.0620191	125	0	39.062019	17.36111111	39.06202	0	32.15427778	39.0620191	1180
837	130419	1	38.9899373	1	0.333333333	38.989937	0.138888889	38.98994	1	1	38.9899373	1181
191	104113	0	0	147	0	0	20.41666667	0	0	38.85816667	38.85816667	1182
1227	140854	0	0	147	0	0	20.41666667	0	0	38.85816667	38.85816667	1183
1435	141427	0	0	147	0	0	20.41666667	0	0	38.85816667	38.85816667	1184
1770	143427	0	0	147	0	0	20.41666667	0	0	38.85816667	38.85816667	1185
513	116296	0	7.8412759	146	0	7.8412759	20.27777778	7.841276	0	38.55344444	38.55344444	1186

934	135181	0	0	146	0	0	20.27777778	0	0	38.55344444	38.55344444	1187
1203	140699	0	0	146	0	0	20.27777778	0	0	38.55344444	38.55344444	1188
526	116612	0	38.3848877	0	0	38.384888	0	38.38489	0	0	38.3848877	1189
775	126267	0	38.3848877	140	0	38.384888	19.44444444	38.38489	0	36.72511111	38.3848877	1190
1390	141265	1	38.3633947	137	0.333333333	38.363395	19.02777778	38.36339	1	35.81094444	38.3633947	1191
1492	141656	1	38.3633947	129	0.333333333	38.363395	17.91666667	38.36339	1	33.37316667	38.3633947	1192
847	130976	0	38.3633947	0	0	38.363395	0	38.36339	0	0	38.3633947	1193
114	102510	0	5.3313081	145	0	5.3313081	20.13888889	5.331308	0	38.24872222	38.24872222	1194
189	104064	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1195
397	111733	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1196
460	114619	0	16.4742998	145	0	16.4743	20.13888889	16.4743	0	38.24872222	38.24872222	1197
504	116091	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1198
704	123197	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1199
746	124904	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1200
868	131926	0	31.6385039	145	0	31.638504	20.13888889	31.6385	0	38.24872222	38.24872222	1201
881	132584	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1202
899	133936	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1203
1014	137581	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1204
1135	139660	0	28.19	145	0	28.19	20.13888889	28.19	0	38.24872222	38.24872222	1205
1138	139844	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1206
1220	140840	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1207
1273	140944	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1208
1329	141088	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1209
1406	141314	0	29.8120372	145	0	29.812037	20.13888889	29.81204	0	38.24872222	38.24872222	1210
1494	141670	0	0	145	0	0	20.13888889	0	0	38.24872222	38.24872222	1211
1114	139139	0	27.3122499	144	0	27.31225	20	27.31225	0	37.944	37.944	1212
1447	141479	0	0	144	0	0	20	0	0	37.944	37.944	1213
1580	142287	0	0	144	0	0	20	0	0	37.944	37.944	1214
1834	143863	0	0	144	0	0	20	0	0	37.944	37.944	1215

1850	143931	0	0	144	0	0	20	0	0	37.944	37.944	1216
785	126995	0	16.5293336	143	0	16.529334	19.86111111	16.52933	0	37.63927778	37.63927778	1217
852	131280	0	0	143	0	0	19.86111111	0	0	37.63927778	37.63927778	1218
1408	141319	0	0	143	0	0	19.86111111	0	0	37.63927778	37.63927778	1219
1717	143016	0	0	143	0	0	19.86111111	0	0	37.63927778	37.63927778	1220
1780	143479	0	0	143	0	0	19.86111111	0	0	37.63927778	37.63927778	1221
1284	140979	1	37.4482628	130	0.333333333	37.448263	18.05555556	37.44826	1	33.67788889	37.4482628	1222
305	108586	1	0	142	0.333333333	0	19.72222222	0	1	37.33455556	37.33455556	1223
354	109906	1	1	142	0.333333333	1	19.72222222	1	1	37.33455556	37.33455556	1224
1154	140190	1	30.4939982	142	0.333333333	30.493998	19.72222222	30.494	1	37.33455556	37.33455556	1225
654	121295	0	25.0846	142	0	25.0846	19.72222222	25.0846	0	37.33455556	37.33455556	1226
1180	140444	0	0	142	0	0	19.72222222	0	0	37.33455556	37.33455556	1227
872	132218	1	1	141	0.333333333	1	19.58333333	1	1	37.02983333	37.02983333	1228
935	135215	1	1	141	0.333333333	1	19.58333333	1	1	37.02983333	37.02983333	1229
226	105205	0	0	141	0	0	19.58333333	0	0	37.02983333	37.02983333	1230
367	110341	0	0	141	0	0	19.58333333	0	0	37.02983333	37.02983333	1231
573	118610	0	0	141	0	0	19.58333333	0	0	37.02983333	37.02983333	1232
699	123032	0	0	141	0	0	19.58333333	0	0	37.02983333	37.02983333	1233
1432	141414	0	0	141	0	0	19.58333333	0	0	37.02983333	37.02983333	1234
1720	143028	0	37	93	0	37	12.91666667	37	0	22.40316667	37	1235
18	100328	0	36.7920899	0	0	36.79209	0	36.79209	0	0	36.7920899	1236
789	127259	0	36.7920899	0	0	36.79209	0	36.79209	0	0	36.7920899	1237
352	109879	1	36.7305867	1	0.333333333	36.730587	0.138888889	36.73059	1	1	36.7305867	1238
906	134393	0	36.7305867	128	0	36.730587	17.77777778	36.73059	0	33.06844444	36.7305867	1239
698	123026	1	17.83241	140	0.333333333	17.83241	19.44444444	17.83241	1	36.72511111	36.72511111	1240
1012	137557	1	1	140	0.333333333	1	19.44444444	1	1	36.72511111	36.72511111	1241
121	102616	0	0	140	0	0	19.44444444	0	0	36.72511111	36.72511111	1242
193	104116	0	33.933518	140	0	33.933518	19.44444444	33.93352	0	36.72511111	36.72511111	1243
1377	141226	0	0	140	0	0	19.44444444	0	0	36.72511111	36.72511111	1244

1660	142712	0	0	140	0	0	19.44444444	0	0	36.72511111	36.72511111	1245
1849	143915	0	28.7473069	140	0	28.747307	19.44444444	28.74731	0	36.72511111	36.72511111	1246
327	109098	1	27.3122499	139	0.333333333	27.31225	19.30555556	27.31225	1	36.42038889	36.42038889	1247
84	101793	0	21.1619518	139	0	21.161952	19.30555556	21.16195	0	36.42038889	36.42038889	1248
104	102187	0	22.2251756	139	0	22.225176	19.30555556	22.22518	0	36.42038889	36.42038889	1249
157	103306	0	0	139	0	0	19.30555556	0	0	36.42038889	36.42038889	1250
212	104589	0	25.09588	139	0	25.09588	19.30555556	25.09588	0	36.42038889	36.42038889	1251
957	135853	0	0	139	0	0	19.30555556	0	0	36.42038889	36.42038889	1252
1237	140875	0	23	139	0	23	19.30555556	23	0	36.42038889	36.42038889	1253
1486	141626	0	0	139	0	0	19.30555556	0	0	36.42038889	36.42038889	1254
1606	142413	0	0	139	0	0	19.30555556	0	0	36.42038889	36.42038889	1255
1730	143071	0	0	139	0	0	19.30555556	0	0	36.42038889	36.42038889	1256
1847	143910	0	21	139	0	21	19.30555556	21	0	36.42038889	36.42038889	1257
324	109071	0	36.1957525	121	0	36.195753	16.80555556	36.19575	0	30.93538889	36.1957525	1258
1172	140392	0	36.1957525	0	0	36.195753	0	36.19575	0	0	36.1957525	1259
752	125254	0	0	138	0	0	19.16666667	0	0	36.11566667	36.11566667	1260
945	135598	0	0	138	0	0	19.16666667	0	0	36.11566667	36.11566667	1261
1707	142968	0	0	138	0	0	19.16666667	0	0	36.11566667	36.11566667	1262
1204	140702	0	0	137	0	0	19.02777778	0	0	35.81094444	35.81094444	1263
1268	140935	0	0	137	0	0	19.02777778	0	0	35.81094444	35.81094444	1264
1419	141370	0	0	137	0	0	19.02777778	0	0	35.81094444	35.81094444	1265
1637	142562	0	0	137	0	0	19.02777778	0	0	35.81094444	35.81094444	1266
1471	141555	0	35.5724838	130	0	35.572484	18.05555556	35.57248	0	33.67788889	35.5724838	1267
1095	138771	1	1	136	0.333333333	1	18.88888889	1	1	35.50622222	35.50622222	1268
202	104317	0	0	136	0	0	18.88888889	0	0	35.50622222	35.50622222	1269
306	108590	0	0	136	0	0	18.88888889	0	0	35.50622222	35.50622222	1270
712	123544	0	0	136	0	0	18.88888889	0	0	35.50622222	35.50622222	1271
725	124109	0	27.3172584	136	0	27.317258	18.88888889	27.31726	0	35.50622222	35.50622222	1272
1464	141519	0	0	136	0	0	18.88888889	0	0	35.50622222	35.50622222	1273

1609	142436	0	0	136	0	0	18.88888889	0	0	35.50622222	35.50622222	1274
1786	143512	0	0	136	0	0	18.88888889	0	0	35.50622222	35.50622222	1275
52	100974	1	35.3635846	113	0.333333333	35.363585	15.69444444	35.36358	1	28.49761111	35.3635846	1276
582	118877	1	35.3635846	93	0.333333333	35.363585	12.91666667	35.36358	1	22.40316667	35.3635846	1277
182	103878	0	0	135	0	0	18.75	0	0	35.2015	35.2015	1278
541	117343	0	9.2028316	135	0	9.2028316	18.75	9.202832	0	35.2015	35.2015	1279
815	128971	0	0	135	0	0	18.75	0	0	35.2015	35.2015	1280
860	131641	0	0	135	0	0	18.75	0	0	35.2015	35.2015	1281
864	131779	0	0	135	0	0	18.75	0	0	35.2015	35.2015	1282
997	137273	0	31.4519852	135	0	31.451985	18.75	31.45199	0	35.2015	35.2015	1283
1248	140899	0	0	135	0	0	18.75	0	0	35.2015	35.2015	1284
1554	142038	0	0	135	0	0	18.75	0	0	35.2015	35.2015	1285
1648	142659	0	0	135	0	0	18.75	0	0	35.2015	35.2015	1286
1715	143004	0	34.9607572	0	0	34.960757	0	34.96076	0	0	34.9607572	1287
1839	143884	0	34.96	0	0	34.96	0	34.96	0	0	34.96	1288
544	117368	1	1	134	0.333333333	1	18.61111111	1	1	34.89677778	34.89677778	1289
1437	141443	1	21.731536	134	0.333333333	21.731536	18.61111111	21.73154	1	34.89677778	34.89677778	1290
337	109279	0	25.0846414	134	0	25.084641	18.61111111	25.08464	0	34.89677778	34.89677778	1291
697	122993	0	1	134	0	1	18.61111111	1	0	34.89677778	34.89677778	1292
800	128162	0	0	134	0	0	18.61111111	0	0	34.89677778	34.89677778	1293
1290	140994	0	22.7567875	134	0	22.756788	18.61111111	22.75679	0	34.89677778	34.89677778	1294
1590	142318	0	0	134	0	0	18.61111111	0	0	34.89677778	34.89677778	1295
1612	142446	0	0	134	0	0	18.61111111	0	0	34.89677778	34.89677778	1296
539	117246	0	34.6762863	130	0	34.676286	18.05555556	34.67629	0	33.67788889	34.6762863	1297
249	106146	0	16.4742998	133	0	16.4743	18.47222222	16.4743	0	34.59205556	34.59205556	1298
412	112416	0	24.2420745	133	0	24.242075	18.47222222	24.24207	0	34.59205556	34.59205556	1299
472	114988	0	0	133	0	0	18.47222222	0	0	34.59205556	34.59205556	1300
793	127668	0	0	133	0	0	18.47222222	0	0	34.59205556	34.59205556	1301
894	133481	0	1	133	0	1	18.47222222	1	0	34.59205556	34.59205556	1302

947	135629	0	28.7473069	133	0	28.747307	18.47222222	28.74731	0	34.59205556	34.59205556	1303
1265	140922	0	0	133	0	0	18.47222222	0	0	34.59205556	34.59205556	1304
1667	142742	0	0	133	0	0	18.47222222	0	0	34.59205556	34.59205556	1305
1728	143064	0	0	133	0	0	18.47222222	0	0	34.59205556	34.59205556	1306
1772	143440	0	0	133	0	0	18.47222222	0	0	34.59205556	34.59205556	1307
375	110843	1	1	132	0.333333333	1	18.33333333	1	1	34.28733333	34.28733333	1308
1526	141831	0	11.741029	132	0	11.741029	18.33333333	11.74103	0	34.28733333	34.28733333	1309
1547	142000	0	0	132	0	0	18.33333333	0	0	34.28733333	34.28733333	1310
1596	142350	0	0	132	0	0	18.33333333	0	0	34.28733333	34.28733333	1311
1690	142864	0	0	132	0	0	18.33333333	0	0	34.28733333	34.28733333	1312
1760	143342	0	0	132	0	0	18.33333333	0	0	34.28733333	34.28733333	1313
132	102832	0	0	131	0	0	18.19444444	0	0	33.98261111	33.98261111	1314
229	105289	0	0	131	0	0	18.19444444	0	0	33.98261111	33.98261111	1315
500	115970	0	0	131	0	0	18.19444444	0	0	33.98261111	33.98261111	1316
1165	140315	0	22.75	131	0	22.75	18.19444444	22.75	0	33.98261111	33.98261111	1317
1400	141290	0	0	131	0	0	18.19444444	0	0	33.98261111	33.98261111	1318
1536	141899	0	0	131	0	0	18.19444444	0	0	33.98261111	33.98261111	1319
626	120234	0	33.933518	0	0	33.933518	0	33.93352	0	0	33.933518	1320
653	121283	1	1	130	0.333333333	1	18.05555556	1	1	33.67788889	33.67788889	1321
23	100436	0	1	130	0	1	18.05555556	1	0	33.67788889	33.67788889	1322
268	107025	0	0	130	0	0	18.05555556	0	0	33.67788889	33.67788889	1323
557	117776	0	0	130	0	0	18.05555556	0	0	33.67788889	33.67788889	1324
616	119990	0	0	130	0	0	18.05555556	0	0	33.67788889	33.67788889	1325
866	131836	0	0	130	0	0	18.05555556	0	0	33.67788889	33.67788889	1326
1468	141548	0	0	130	0	0	18.05555556	0	0	33.67788889	33.67788889	1327
1724	143056	0	0	130	0	0	18.05555556	0	0	33.67788889	33.67788889	1328
26	100509	0	19.7329948	129	0	19.732995	17.91666667	19.73299	0	33.37316667	33.37316667	1329
69	101455	0	0	129	0	0	17.91666667	0	0	33.37316667	33.37316667	1330
508	116197	0	11.291936	129	0	11.291936	17.91666667	11.29194	0	33.37316667	33.37316667	1331

1015	137597	0	0	129	0	0	17.91666667	0	0	33.37316667	33.37316667	1332
1071	138446	0	1	129	0	1	17.91666667	1	0	33.37316667	33.37316667	1333
1304	141044	0	0	129	0	0	17.91666667	0	0	33.37316667	33.37316667	1334
1427	141395	0	0	129	0	0	17.91666667	0	0	33.37316667	33.37316667	1335
1467	141534	0	0	129	0	0	17.91666667	0	0	33.37316667	33.37316667	1336
1213	140777	0	0	128	0	0	17.77777778	0	0	33.06844444	33.06844444	1337
1229	140858	0	0	128	0	0	17.77777778	0	0	33.06844444	33.06844444	1338
1527	141839	0	21.1619518	128	0	21.161952	17.77777778	21.16195	0	33.06844444	33.06844444	1339
1791	143558	0	0	128	0	0	17.77777778	0	0	33.06844444	33.06844444	1340
276	107385	0	0	127	0	0	17.63888889	0	0	32.76372222	32.76372222	1341
468	114826	0	0	127	0	0	17.63888889	0	0	32.76372222	32.76372222	1342
1302	141034	0	0	127	0	0	17.63888889	0	0	32.76372222	32.76372222	1343
1058	138266	0	0	126	0	0	17.5	0	0	32.459	32.459	1344
1277	140951	0	0	126	0	0	17.5	0	0	32.459	32.459	1345
1358	141170	0	0	126	0	0	17.5	0	0	32.459	32.459	1346
1459	141504	0	0	126	0	0	17.5	0	0	32.459	32.459	1347
1543	141948	0	0	126	0	0	17.5	0	0	32.459	32.459	1348
1553	142036	0	0	126	0	0	17.5	0	0	32.459	32.459	1349
1185	140517	1	32.2688437	1	0.3333333333	32.268844	0.138888889	32.26884	1	1	32.2688437	1350
179	103805	0	32.2688437	0	0	32.268844	0	32.26884	0	0	32.2688437	1351
778	126456	0	32.2688437	0	0	32.268844	0	32.26884	0	0	32.2688437	1352
1287	140984	0	32.2688437	0	0	32.268844	0	32.26884	0	0	32.2688437	1353
1359	141173	0	32.2688437	0	0	32.268844	0	32.26884	0	0	32.2688437	1354
1829	143831	0	32.26	0	0	32.26	0	32.26	0	0	32.26	1355
962	135965	0	0	125	0	0	17.36111111	0	0	32.15427778	32.15427778	1356
1339	141126	0	0	125	0	0	17.36111111	0	0	32.15427778	32.15427778	1357
1583	142302	0	0	125	0	0	17.36111111	0	0	32.15427778	32.15427778	1358
1798	143607	1	1	124	0.3333333333	1	17.22222222	1	1	31.84955556	31.84955556	1359
14	100256	0	0	124	0	0	17.22222222	0	0	31.84955556	31.84955556	1360

188	104021	0	0	124	0	0	17.22222222	0	0	31.84955556	31.84955556	1361
415	112567	0	0	124	0	0	17.22222222	0	0	31.84955556	31.84955556	1362
443	113851	0	0	124	0	0	17.22222222	0	0	31.84955556	31.84955556	1363
641	120905	0	0	124	0	0	17.22222222	0	0	31.84955556	31.84955556	1364
820	129215	0	0	124	0	0	17.22222222	0	0	31.84955556	31.84955556	1365
1118	139177	0	28.747	124	0	28.747	17.22222222	28.747	0	31.84955556	31.84955556	1366
1256	140912	0	0	124	0	0	17.22222222	0	0	31.84955556	31.84955556	1367
1473	141561	0	0	124	0	0	17.22222222	0	0	31.84955556	31.84955556	1368
1506	141710	1	1	123	0.333333333	1	17.08333333	1	1	31.54483333	31.54483333	1369
17	100325	0	0	123	0	0	17.08333333	0	0	31.54483333	31.54483333	1370
634	120674	0	0	123	0	0	17.08333333	0	0	31.54483333	31.54483333	1371
781	126679	0	0	123	0	0	17.08333333	0	0	31.54483333	31.54483333	1372
1352	141157	0	0	123	0	0	17.08333333	0	0	31.54483333	31.54483333	1373
1631	142552	0	0	123	0	0	17.08333333	0	0	31.54483333	31.54483333	1374
1652	142676	0	0	123	0	0	17.08333333	0	0	31.54483333	31.54483333	1375
1705	142961	0	0	123	0	0	17.08333333	0	0	31.54483333	31.54483333	1376
1549	142015	0	31.4519852	0	0	31.451985	0	31.45199	0	0	31.4519852	1377
1783	143497	0	31.4519852	0	0	31.451985	0	31.45199	0	0	31.4519852	1378
1794	143581	0	31.4519852	0	0	31.451985	0	31.45199	0	0	31.4519852	1379
253	106324	1	1	122	0.333333333	1	16.94444444	1	1	31.24011111	31.24011111	1380
298	108295	0	0	122	0	0	16.94444444	0	0	31.24011111	31.24011111	1381
1515	141761	0	30.9777862	122	0	30.977786	16.94444444	30.97779	0	31.24011111	31.24011111	1382
490	115426	0	31	0	0	31	0	31	0	0	31	1383
216	104663	0	30.9777862	0	0	30.977786	0	30.97779	0	0	30.9777862	1384
849	131112	0	30.9777862	0	0	30.977786	0	30.97779	0	0	30.9777862	1385
1630	142550	0	30.9777862	0	0	30.977786	0	30.97779	0	0	30.9777862	1386
1789	143546	0	30.9777862	0	0	30.977786	0	30.97779	0	0	30.9777862	1387
449	114109	1	22.5261619	121	0.333333333	22.526162	16.80555556	22.52616	1	30.93538889	30.93538889	1388
109	102314	0	0	121	0	0	16.80555556	0	0	30.93538889	30.93538889	1389

264	106928	0	0	121	0	0	16.80555556	0	0	30.93538889	30.93538889	1390
576	118755	0	0	121	0	0	16.80555556	0	0	30.93538889	30.93538889	1391
1235	140871	0	0	121	0	0	16.80555556	0	0	30.93538889	30.93538889	1392
1557	142049	0	9.3221948	121	0	9.3221948	16.80555556	9.322195	0	30.93538889	30.93538889	1393
953	135775	0	1	120	0	1	16.66666667	1	0	30.63066667	30.63066667	1394
1538	141911	0	20.1485072	120	0	20.148507	16.66666667	20.14851	0	30.63066667	30.63066667	1395
1570	142197	0	0	120	0	0	16.66666667	0	0	30.63066667	30.63066667	1396
1709	142974	0	0	120	0	0	16.66666667	0	0	30.63066667	30.63066667	1397
608	119846	0	30.4939982	119	0	30.493998	16.52777778	30.494	0	30.32594444	30.4939982	1398
729	124235	0	30.4939982	102	0	30.493998	14.16666667	30.494	0	25.14566667	30.4939982	1399
1718	143022	0	30.49	0	0	30.49	0	30.49	0	0	30.49	1400
540	117313	1	1	119	0.333333333	1	16.52777778	1	1	30.32594444	30.32594444	1401
723	124021	1	1	119	0.333333333	1	16.52777778	1	1	30.32594444	30.32594444	1402
127	102723	0	0	119	0	0	16.52777778	0	0	30.32594444	30.32594444	1403
522	116505	0	0	119	0	0	16.52777778	0	0	30.32594444	30.32594444	1404
1510	141735	0	0	119	0	0	16.52777778	0	0	30.32594444	30.32594444	1405
1645	142625	0	0	119	0	0	16.52777778	0	0	30.32594444	30.32594444	1406
1782	143488	0	0	119	0	0	16.52777778	0	0	30.32594444	30.32594444	1407
1790	143552	0	0	119	0	0	16.52777778	0	0	30.32594444	30.32594444	1408
1216	140800	0	0	118	0	0	16.38888889	0	0	30.02122222	30.02122222	1409
1679	142814	0	0	118	0	0	16.38888889	0	0	30.02122222	30.02122222	1410
1725	143058	0	0	118	0	0	16.38888889	0	0	30.02122222	30.02122222	1411
1177	140425	1	29.9784549	113	0.333333333	29.978455	15.69444444	29.97845	1	28.49761111	29.9784549	1412
1060	138279	0	29.8120372	0	0	29.812037	0	29.81204	0	0	29.8120372	1413
824	129396	1	1	117	0.333333333	1	16.25	1	1	29.7165	29.7165	1414
454	114331	0	0	117	0	0	16.25	0	0	29.7165	29.7165	1415
648	121036	0	0	117	0	0	16.25	0	0	29.7165	29.7165	1416
1311	141059	0	0	117	0	0	16.25	0	0	29.7165	29.7165	1417
1523	141821	0	0	117	0	0	16.25	0	0	29.7165	29.7165	1418

611	119948	0	0	116	0	0	16.11111111	0	0	29.41177778	29.41177778	1419
853	131296	0	0	116	0	0	16.11111111	0	0	29.41177778	29.41177778	1420
1222	140843	0	0	116	0	0	16.11111111	0	0	29.41177778	29.41177778	1421
88	101897	0	29.3590335	115	0	29.359034	15.97222222	29.35903	0	29.10705556	29.3590335	1422
501	115988	1	1	115	0.333333333	1	15.97222222	1	1	29.10705556	29.10705556	1423
440	113529	0	0	115	0	0	15.97222222	0	0	29.10705556	29.10705556	1424
621	120105	0	0	115	0	0	15.97222222	0	0	29.10705556	29.10705556	1425
758	125589	0	0	115	0	0	15.97222222	0	0	29.10705556	29.10705556	1426
1137	139841	0	0	115	0	0	15.97222222	0	0	29.10705556	29.10705556	1427
1343	141136	0	0	115	0	0	15.97222222	0	0	29.10705556	29.10705556	1428
1405	141297	0	0	115	0	0	15.97222222	0	0	29.10705556	29.10705556	1429
1470	141553	0	0	115	0	0	15.97222222	0	0	29.10705556	29.10705556	1430
584	119025	1	0	114	0.333333333	0	15.83333333	0	1	28.80233333	28.80233333	1431
181	103874	0	0	114	0	0	15.83333333	0	0	28.80233333	28.80233333	1432
596	119482	0	10.6360357	114	0	10.636036	15.83333333	10.63604	0	28.80233333	28.80233333	1433
1388	141263	0	0	114	0	0	15.83333333	0	0	28.80233333	28.80233333	1434
1442	141465	0	17.83241	114	0	17.83241	15.83333333	17.83241	0	28.80233333	28.80233333	1435
1592	142327	0	0	114	0	0	15.83333333	0	0	28.80233333	28.80233333	1436
1505	141707	0	28.5513575	0	0	28.551358	0	28.55136	0	0	28.5513575	1437
879	132483	1	1	113	0.333333333	1	15.69444444	1	1	28.49761111	28.49761111	1438
1306	141049	1	1	113	0.333333333	1	15.69444444	1	1	28.49761111	28.49761111	1439
893	133277	0	0	113	0	0	15.69444444	0	0	28.49761111	28.49761111	1440
950	135744	0	0	113	0	0	15.69444444	0	0	28.49761111	28.49761111	1441
1643	142617	0	0	113	0	0	15.69444444	0	0	28.49761111	28.49761111	1442
1808	143671	0	0	113	0	0	15.69444444	0	0	28.49761111	28.49761111	1443
1846	143906	0	0	113	0	0	15.69444444	0	0	28.49761111	28.49761111	1444
278	107405	1	28.1971376	1	0.333333333	28.197138	0.138888889	28.19714	1	1	28.1971376	1445
977	136516	0	28.1971376	0	0	28.197138	0	28.19714	0	0	28.1971376	1446
139	102929	1	1	112	0.333333333	1	15.55555556	1	1	28.19288889	28.19288889	1447

120	102605	0	0	112	0	0	15.55555556	0	0	28.19288889	28.19288889	1448
210	104529	0	0	112	0	0	15.55555556	0	0	28.19288889	28.19288889	1449
1225	140849	0	0	112	0	0	15.55555556	0	0	28.19288889	28.19288889	1450
1491	141641	0	0	112	0	0	15.55555556	0	0	28.19288889	28.19288889	1451
599	119666	1	28.19	96	0.333333333	28.19	13.33333333	28.19	1	23.31733333	28.19	1452
796	127924	0	0	111	0	0	15.41666667	0	0	27.88816667	27.88816667	1453
1474	141569	0	0	111	0	0	15.41666667	0	0	27.88816667	27.88816667	1454
1644	142618	0	0	111	0	0	15.41666667	0	0	27.88816667	27.88816667	1455
858	131514	0	0	110	0	0	15.27777778	0	0	27.58344444	27.58344444	1456
1139	139890	0	0	110	0	0	15.27777778	0	0	27.58344444	27.58344444	1457
1489	141637	0	0	110	0	0	15.27777778	0	0	27.58344444	27.58344444	1458
27	100516	0	27.3172584	65	0	27.317258	9.027777778	27.31726	0	13.87094444	27.3172584	1459
1149	140130	0	27.3172584	0	0	27.317258	0	27.31726	0	0	27.3172584	1460
365	110174	0	10.91	109	0	10.91	15.13888889	10.91	0	27.27872222	27.27872222	1461
577	118762	0	24	109	0	24	15.13888889	24	0	27.27872222	27.27872222	1462
656	121349	0	0	109	0	0	15.13888889	0	0	27.27872222	27.27872222	1463
1152	140139	0	0	109	0	0	15.13888889	0	0	27.27872222	27.27872222	1464
1197	140635	0	0	109	0	0	15.13888889	0	0	27.27872222	27.27872222	1465
1407	141318	0	0	109	0	0	15.13888889	0	0	27.27872222	27.27872222	1466
1743	143209	0	0	109	0	0	15.13888889	0	0	27.27872222	27.27872222	1467
479	115190	0	27	68	0	27	9.444444444	27	0	14.78511111	27	1468
1019	137688	1	1	108	0.333333333	1	15	1	1	26.974	26.974	1469
447	114099	0	0	108	0	0	15	0	0	26.974	26.974	1470
818	129067	0	0	108	0	0	15	0	0	26.974	26.974	1471
1307	141051	0	0	108	0	0	15	0	0	26.974	26.974	1472
1357	141169	0	0	108	0	0	15	0	0	26.974	26.974	1473
1395	141277	0	0	108	0	0	15	0	0	26.974	26.974	1474
292	107881	0	0	107	0	0	14.86111111	0	0	26.66927778	26.66927778	1475
1465	141527	0	0	107	0	0	14.86111111	0	0	26.66927778	26.66927778	1476

1708	142973	0	0	107	0	0	14.86111111	0	0	26.66927778	26.66927778	1477
1819	143756	0	0	107	0	0	14.86111111	0	0	26.66927778	26.66927778	1478
5	100083	1	1	106	0.33333333	1	14.72222222	1	1	26.36455556	26.36455556	1479
661	121513	1	12.2460604	106	0.33333333	12.24606	14.72222222	12.24606	1	26.36455556	26.36455556	1480
826	129469	0	0	106	0	0	14.72222222	0	0	26.36455556	26.36455556	1481
838	130448	0	1	106	0	1	14.72222222	1	0	26.36455556	26.36455556	1482
1341	141128	0	0	106	0	0	14.72222222	0	0	26.36455556	26.36455556	1483
1463	141517	0	0	106	0	0	14.72222222	0	0	26.36455556	26.36455556	1484
1618	142504	0	0	106	0	0	14.72222222	0	0	26.36455556	26.36455556	1485
1622	142529	0	0	106	0	0	14.72222222	0	0	26.36455556	26.36455556	1486
102	102106	1	26.3413708	1	0.33333333	26.341371	0.13888889	26.34137	1	1	26.3413708	1487
940	135317	0	26.3413708	0	0	26.341371	0	26.34137	0	0	26.3413708	1488
992	137078	0	26.0926439	0	0	26.092644	0	26.09264	0	0	26.0926439	1489
517	116419	1	1	105	0.33333333	1	14.58333333	1	1	26.05983333	26.05983333	1490
75	101601	0	0	105	0	0	14.58333333	0	0	26.05983333	26.05983333	1491
693	122638	0	0	105	0	0	14.58333333	0	0	26.05983333	26.05983333	1492
1434	141419	0	0	105	0	0	14.58333333	0	0	26.05983333	26.05983333	1493
1555	142041	0	0	105	0	0	14.58333333	0	0	26.05983333	26.05983333	1494
261	106732	1	25.0846414	104	0.33333333	25.084641	14.44444444	25.08464	1	25.75511111	25.75511111	1495
361	110123	0	0	104	0	0	14.44444444	0	0	25.75511111	25.75511111	1496
1005	137432	0	25.5155432	104	0	25.515543	14.44444444	25.51554	0	25.75511111	25.75511111	1497
1851	143932	0	23.89	104	0	23.89	14.44444444	23.89	0	25.75511111	25.75511111	1498
386	111423	0	25.745206	1	0	25.745206	0.13888889	25.74521	0	1	25.745206	1499
822	129335	0	25.745206	0	0	25.745206	0	25.74521	0	0	25.745206	1500
205	104353	0	0	103	0	0	14.30555556	0	0	25.45038889	25.45038889	1501
619	120068	0	0	103	0	0	14.30555556	0	0	25.45038889	25.45038889	1502
1198	140644	0	4.7206833	103	0	4.7206833	14.30555556	4.720683	0	25.45038889	25.45038889	1503
1764	143366	0	0	103	0	0	14.30555556	0	0	25.45038889	25.45038889	1504
331	109194	1	10.1685134	102	0.33333333	10.168513	14.16666667	10.16851	1	25.14566667	25.14566667	1505

900	133967	0	0	102	0	0	14.16666667	0	0	25.14566667	25.14566667	1506
1331	141097	0	0	102	0	0	14.16666667	0	0	25.14566667	25.14566667	1507
1456	141499	0	0	102	0	0	14.16666667	0	0	25.14566667	25.14566667	1508
1656	142698	0	0	102	0	0	14.16666667	0	0	25.14566667	25.14566667	1509
57	101090	0	0	101	0	0	14.02777778	0	0	24.84094444	24.84094444	1510
200	104285	0	0	101	0	0	14.02777778	0	0	24.84094444	24.84094444	1511
958	135859	0	16.943675	101	0	16.943675	14.02777778	16.94368	0	24.84094444	24.84094444	1512
1371	141210	0	0	101	0	0	14.02777778	0	0	24.84094444	24.84094444	1513
348	109852	0	1	100	0	1	13.88888889	1	0	24.53622222	24.53622222	1514
1240	140879	0	0	100	0	0	13.88888889	0	0	24.53622222	24.53622222	1515
1777	143469	0	0	100	0	0	13.88888889	0	0	24.53622222	24.53622222	1516
755	125476	1	24.530093	77	0.333333333	24.530093	10.69444444	24.53009	1	17.52761111	24.530093	1517
1219	140829	0	24.530093	0	0	24.530093	0	24.53009	0	0	24.530093	1518
1810	143692	0	24.530093	0	0	24.530093	0	24.53009	0	0	24.530093	1519
363	110160	0	0	99	0	0	13.75	0	0	24.2315	24.2315	1520
624	120166	0	12.3037858	99	0	12.303786	13.75	12.30379	0	24.2315	24.2315	1521
942	135416	0	0	99	0	0	13.75	0	0	24.2315	24.2315	1522
185	103948	0	16.4742998	98	0	16.4743	13.61111111	16.4743	0	23.92677778	23.92677778	1523
1217	140811	0	0	98	0	0	13.61111111	0	0	23.92677778	23.92677778	1524
1614	142484	0	9.3221948	98	0	9.3221948	13.61111111	9.322195	0	23.92677778	23.92677778	1525
1043	138005	0	23.8997532	92	0	23.899753	12.77777778	23.89975	0	22.09844444	23.8997532	1526
433	113222	1	1	97	0.333333333	1	13.47222222	1	1	23.62205556	23.62205556	1527
1552	142033	0	0	97	0	0	13.47222222	0	0	23.62205556	23.62205556	1528
1694	142891	0	0	97	0	0	13.47222222	0	0	23.62205556	23.62205556	1529
1771	143430	0	0	97	0	0	13.47222222	0	0	23.62205556	23.62205556	1530
919	134718	0	0	96	0	0	13.33333333	0	0	23.31733333	23.31733333	1531
136	102896	1	1	95	0.333333333	1	13.19444444	1	1	23.01261111	23.01261111	1532
154	103251	0	0	95	0	0	13.19444444	0	0	23.01261111	23.01261111	1533
1002	137352	0	0	95	0	0	13.19444444	0	0	23.01261111	23.01261111	1534

1611	142441	0	0	95	0	0	13.19444444	0	0	23.01261111	23.01261111	1535
644	120997	0	19.1712835	94	0	19.171284	13.05555556	19.17128	0	22.70788889	22.70788889	1536
690	122542	0	0	94	0	0	13.05555556	0	0	22.70788889	22.70788889	1537
343	109421	0	0	93	0	0	12.91666667	0	0	22.40316667	22.40316667	1538
988	136981	0	0	93	0	0	12.91666667	0	0	22.40316667	22.40316667	1539
1373	141217	0	0	93	0	0	12.91666667	0	0	22.40316667	22.40316667	1540
505	116116	0	22.2251756	0	0	22.225176	0	22.22518	0	0	22.2251756	1541
101	102102	0	18.4317448	92	0	18.431745	12.77777778	18.43174	0	22.09844444	22.09844444	1542
1142	139962	0	21.9952293	0	0	21.995229	0	21.99523	0	0	21.9952293	1543
129	102797	0	0	91	0	0	12.63888889	0	0	21.79372222	21.79372222	1544
827	129492	0	0	91	0	0	12.63888889	0	0	21.79372222	21.79372222	1545
1716	143011	0	0	91	0	0	12.63888889	0	0	21.79372222	21.79372222	1546
1215	140793	0	21.731536	0	0	21.731536	0	21.73154	0	0	21.731536	1547
1588	142316	0	0	90	0	0	12.5	0	0	21.489	21.489	1548
370	110462	0	0	89	0	0	12.36111111	0	0	21.18427778	21.18427778	1549
1507	141713	0	0	89	0	0	12.36111111	0	0	21.18427778	21.18427778	1550
6	100104	0	21.1619518	0	0	21.161952	0	21.16195	0	0	21.1619518	1551
68	101438	1	5.4516774	88	0.33333333	5.4516774	12.22222222	5.451677	1	20.87955556	20.87955556	1552
623	120148	1	1	88	0.33333333	1	12.22222222	1	1	20.87955556	20.87955556	1553
170	103660	0	0	88	0	0	12.22222222	0	0	20.87955556	20.87955556	1554
204	104345	0	0	88	0	0	12.22222222	0	0	20.87955556	20.87955556	1555
237	105581	0	0	88	0	0	12.22222222	0	0	20.87955556	20.87955556	1556
445	113927	0	7.4330563	88	0	7.4330563	12.22222222	7.433056	0	20.87955556	20.87955556	1557
453	114252	0	0	88	0	0	12.22222222	0	0	20.87955556	20.87955556	1558
1402	141292	0	0	88	0	0	12.22222222	0	0	20.87955556	20.87955556	1559
1440	141461	0	0	88	0	0	12.22222222	0	0	20.87955556	20.87955556	1560
137	102919	1	6.5388267	87	0.33333333	6.5388267	12.08333333	6.538827	1	20.57483333	20.57483333	1561
319	109011	0	0	87	0	0	12.08333333	0	0	20.57483333	20.57483333	1562
1259	140915	0	0	87	0	0	12.08333333	0	0	20.57483333	20.57483333	1563

1766	143389	0	0	87	0	0	12.08333333	0	0	20.57483333	20.57483333	1564
1787	143534	0	0	87	0	0	12.08333333	0	0	20.57483333	20.57483333	1565
799	128121	0	0	86	0	0	11.94444444	0	0	20.27011111	20.27011111	1566
1155	140193	0	0	85	0	0	11.80555556	0	0	19.96538889	19.96538889	1567
523	116518	0	19.7329948	0	0	19.732995	0	19.73299	0	0	19.7329948	1568
1077	138474	0	0	84	0	0	11.66666667	0	0	19.66066667	19.66066667	1569
740	124668	1	1	83	0.333333333	1	11.52777778	1	1	19.35594444	19.35594444	1570
1621	142514	0	0	83	0	0	11.52777778	0	0	19.35594444	19.35594444	1571
904	134179	0	19.1712835	0	0	19.171284	0	19.17128	0	0	19.1712835	1572
340	109355	0	0	82	0	0	11.38888889	0	0	19.05122222	19.05122222	1573
1712	142984	0	0	82	0	0	11.38888889	0	0	19.05122222	19.05122222	1574
392	111587	0	0	80	0	0	11.11111111	0	0	18.44177778	18.44177778	1575
552	117582	0	0	80	0	0	11.11111111	0	0	18.44177778	18.44177778	1576
1453	141496	0	0	80	0	0	11.11111111	0	0	18.44177778	18.44177778	1577
326	109091	0	0	79	0	0	10.97222222	0	0	18.13705556	18.13705556	1578
811	128792	0	17.83241	79	0	17.83241	10.97222222	17.83241	0	18.13705556	18.13705556	1579
1669	142759	0	0	78	0	0	10.83333333	0	0	17.83233333	17.83233333	1580
857	131480	0	0	77	0	0	10.69444444	0	0	17.52761111	17.52761111	1581
1029	137823	0	0	77	0	0	10.69444444	0	0	17.52761111	17.52761111	1582
1425	141387	0	0	77	0	0	10.69444444	0	0	17.52761111	17.52761111	1583
1734	143096	0	17.4444655	0	0	17.444466	0	17.44447	0	0	17.4444655	1584
555	117743	0	0	76	0	0	10.55555556	0	0	17.22288889	17.22288889	1585
1731	143079	0	0	76	0	0	10.55555556	0	0	17.22288889	17.22288889	1586
245	105973	0	0	75	0	0	10.41666667	0	0	16.91816667	16.91816667	1587
1134	139646	0	0	75	0	0	10.41666667	0	0	16.91816667	16.91816667	1588
1461	141507	0	0	75	0	0	10.41666667	0	0	16.91816667	16.91816667	1589
396	111688	1	1	74	0.333333333	1	10.27777778	1	1	16.61344444	16.61344444	1590
1757	143323	0	0	74	0	0	10.27777778	0	0	16.61344444	16.61344444	1591
271	107217	0	16.4742998	0	0	16.4743	0	16.4743	0	0	16.4742998	1592

1451	141492	0	0	73	0	0	10.13888889	0	0	16.30872222	16.30872222	1593
558	117823	1	1	72	0.333333333	1	10	1	1	16.004	16.004	1594
493	115558	0	0	72	0	0	10	0	0	16.004	16.004	1595
876	132434	0	0	72	0	0	10	0	0	16.004	16.004	1596
895	133661	0	0	72	0	0	10	0	0	16.004	16.004	1597
1121	139193	0	1	72	0	1	10	1	0	16.004	16.004	1598
1196	140626	0	15.7086796	0	0	15.70868	0	15.70868	0	0	15.7086796	1599
1647	142655	0	15.7086796	0	0	15.70868	0	15.70868	0	0	15.7086796	1600
1458	141503	0	0	71	0	0	9.861111111	0	0	15.69927778	15.69927778	1601
422	112877	0	0	70	0	0	9.722222222	0	0	15.39455556	15.39455556	1602
562	118004	0	15.0028479	0	0	15.002848	0	15.00285	0	0	15.0028479	1603
21	100400	0	14.5319916	0	0	14.531992	0	14.53199	0	0	14.5319916	1604
1589	142317	0	0	63	0	0	8.75	0	0	13.2615	13.2615	1605
808	128703	0	0.9796848	62	0	0.9796848	8.611111111	0.979685	0	12.95677778	12.95677778	1606
265	106995	0	0	59	0	0	8.194444444	0	0	12.04261111	12.04261111	1607
802	128393	0	0	56	0	0	7.777777778	0	0	11.12844444	11.12844444	1608
1577	142256	0	0	55	0	0	7.638888889	0	0	10.82372222	10.82372222	1609
1683	142828	1	9.8299477	1	0.333333333	9.8299477	0.138888889	9.829948	1	1	9.8299477	1610
999	137280	0	9.7360927	0	0	9.7360927	0	9.736093	0	0	9.7360927	1611
1200	140649	0	9.3221948	48	0	9.3221948	6.666666667	9.322195	0	8.690666667	9.3221948	1612
657	121413	0	8.5834103	0	0	8.5834103	0	8.58341	0	0	8.5834103	1613
244	105962	0	7.2291474	1	0	7.2291474	0.138888889	7.229147	0	1	7.2291474	1614
559	117969	0	6.2426429	0	0	6.2426429	0	6.242643	0	0	6.2426429	1615
650	121104	0	2.973992	0	0	2.973992	0	2.973992	0	0	2.973992	1616
8	100131	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1617
44	100829	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1618
60	101128	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1619
64	101330	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1620
76	101630	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1621

100	102081	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1622
103	102170	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1623
108	102299	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1624
117	102563	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1625
125	102646	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1626
150	103127	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1627
164	103522	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1628
165	103529	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1629
169	103640	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1630
171	103664	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1631
172	103668	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1632
186	103950	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1633
196	104177	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1634
233	105449	1	0	0	0.333333333	0	0	0	1	0	1	1635
243	105944	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1636
247	106030	1	0	0	0.333333333	0	0	0	1	0	1	1637
260	106651	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1638
262	106802	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1639
263	106822	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1640
267	107010	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1641
269	107134	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1642
282	107525	1	0	0	0.333333333	0	0	0	1	0	1	1643
291	107756	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1644
296	108111	1	0	1	0.333333333	0	0.138888889	0	1	1	1	1645
297	108120	1	0	1	0.333333333	0	0.138888889	0	1	1	1	1646
299	108355	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1647
301	108500	1	0	0	0.333333333	0	0	0	1	0	1	1648
315	108844	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1649
320	109017	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1650

325	109088	1	0	0	0.333333333	0	0	0	1	0	1	1651
338	109319	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1652
347	109780	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1653
349	109860	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1654
366	110214	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1655
373	110599	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1656
377	110893	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1657
389	111513	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1658
391	111572	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1659
398	111778	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1660
405	112168	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1661
408	112311	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1662
416	112642	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1663
419	112708	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1664
425	112921	1	0	0	0.333333333	0	0	0	1	0	1	1665
446	114064	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1666
473	115029	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1667
474	115075	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1668
476	115118	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1669
480	115206	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1670
486	115387	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1671
510	116266	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1672
512	116276	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1673
515	116342	1	0	1	0.333333333	0	0.138888889	0	1	1	1	1674
519	116454	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1675
520	116467	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1676
521	116475	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1677
528	116738	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1678
531	116863	1	0	0	0.333333333	0	0	0	1	0	1	1679

536	117058	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1680
546	117383	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1681
561	117982	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1682
564	118072	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1683
565	118173	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1684
568	118486	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1685
574	118617	1	0	0	0.333333333	0	0	0	1	0	1	1686
588	119242	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1687
595	119462	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1688
598	119585	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1689
602	119716	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1690
610	119936	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1691
635	120696	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1692
687	122329	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1693
701	123104	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1694
715	123677	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1695
721	123852	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1696
724	124090	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1697
736	124497	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1698
763	125752	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1699
764	125763	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1700
766	125878	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1701
773	126169	1	0	0	0.333333333	0	0	0	1	0	1	1702
797	127941	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1703
810	128735	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1704
816	129057	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1705
823	129359	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1706
829	129668	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1707
830	129726	1	0	0	0.333333333	0	0	0	1	0	1	1708

844	130935	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1709
862	131739	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1710
867	131846	1	0	0	0.333333333	0	0	0	1	0	1	1711
873	132253	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1712
878	132458	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1713
888	133039	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1714
891	133193	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1715
901	134016	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1716
902	134067	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1717
905	134211	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1718
909	134439	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1719
913	134519	1	0	0	0.333333333	0	0	0	1	0	1	1720
924	134829	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1721
927	134914	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1722
930	135051	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1723
932	135140	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1724
938	135304	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1725
949	135725	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1726
954	135808	1	0	0	0.333333333	0	0	0	1	0	1	1727
960	135878	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1728
961	135952	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1729
963	136066	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1730
969	136365	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1731
991	137036	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1732
996	137268	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1733
1000	137319	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1734
1007	137446	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1735
1018	137687	1	0	0	0.333333333	0	0	0	1	0	1	1736
1036	137909	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1737

1063	138308	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1738
1073	138453	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1739
1083	138543	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1740
1096	138784	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1741
1106	138988	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1742
1108	139005	1	NA	1	0.333333333	NA	0.138888889	NA	1	1	1	1743
1128	139415	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1744
1136	139744	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1745
1140	139916	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1746
1164	140314	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1747
1170	140370	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1748
1171	140372	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1749
1188	140535	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1750
1479	141583	1	0	0	0.333333333	0	0	0	1	0	1	1751
1511	141740	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1752
1569	142175	1	0	0	0.333333333	0	0	0	1	0	1	1753
1572	142218	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1754
1595	142349	1	0	0	0.333333333	0	0	0	1	0	1	1755
1623	142533	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1756
1624	142537	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1757
1649	142662	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1758
1673	142773	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1759
1687	142855	1	0	0	0.333333333	0	0	0	1	0	1	1760
1695	142895	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1761
1741	143194	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1762
1752	143275	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1763
1754	143291	1	0	1	0.333333333	0	0.138888889	0	1	1	1	1764
1758	143329	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1765
1761	143343	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1766

1793	143573	1	0	0	0.333333333	0	0	0	1	0	1	1767
1805	143660	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1768
1817	143749	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1769
1828	143822	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1770
1830	143832	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1771
1833	143854	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1772
1835	143869	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1773
1841	143890	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1774
1843	143893	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1775
1855	143971	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1776
1859	144002	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1777
1860	144010	1	1	1	0.333333333	1	0.138888889	1	1	1	1	1778
16	100274	0	0	1	0	0	0.138888889	0	0	1	1	1779
25	100483	0	0	1	0	0	0.138888889	0	0	1	1	1780
55	101033	0	1	1	0	1	0.138888889	1	0	1	1	1781
61	101137	0	0	1	0	0	0.138888889	0	0	1	1	1782
79	101654	0	1	0	0	1	0	1	0	0	1	1783
95	101992	0	1	0	0	1	0	1	0	0	1	1784
143	102981	0	0	1	0	0	0.138888889	0	0	1	1	1785
197	104188	0	1	1	0	1	0.138888889	1	0	1	1	1786
211	104581	0	0	1	0	0	0.138888889	0	0	1	1	1787
236	105572	0	0	1	0	0	0.138888889	0	0	1	1	1788
285	107589	0	1	0	0	1	0	1	0	0	1	1789
288	107671	0	0	1	0	0	0.138888889	0	0	1	1	1790
308	108613	0	0	1	0	0	0.138888889	0	0	1	1	1791
323	109068	0	0	1	0	0	0.138888889	0	0	1	1	1792
335	109254	0	1	0	0	1	0	1	0	0	1	1793
385	111379	0	0	1	0	0	0.138888889	0	0	1	1	1794
399	111847	0	0	1	0	0	0.138888889	0	0	1	1	1795

403	112017	0	0	1	0	0	0.138888889	0	0	1	1	1796
417	112669	0	1	0	0	1	0	1	0	0	1	1797
441	113715	0	0	1	0	0	0.138888889	0	0	1	1	1798
442	113817	0	1	1	0	1	0.138888889	1	0	1	1	1799
475	115087	0	0	1	0	0	0.138888889	0	0	1	1	1800
488	115398	0	1	1	0	1	0.138888889	1	0	1	1	1801
489	115400	0	0	1	0	0	0.138888889	0	0	1	1	1802
527	116629	0	0	1	0	0	0.138888889	0	0	1	1	1803
530	116802	0	1	0	0	1	0	1	0	0	1	1804
545	117381	0	0	1	0	0	0.138888889	0	0	1	1	1805
549	117550	0	1	1	0	1	0.138888889	1	0	1	1	1806
575	118661	0	0	1	0	0	0.138888889	0	0	1	1	1807
594	119439	0	0	1	0	0	0.138888889	0	0	1	1	1808
600	119679	0	1	1	0	1	0.138888889	1	0	1	1	1809
620	120099	0	0	1	0	0	0.138888889	0	0	1	1	1810
631	120512	0	1	0	0	1	0	1	0	0	1	1811
640	120886	0	0	1	0	0	0.138888889	0	0	1	1	1812
643	120977	0	0	1	0	0	0.138888889	0	0	1	1	1813
646	121015	0	0	1	0	0	0.138888889	0	0	1	1	1814
649	121052	0	0	1	0	0	0.138888889	0	0	1	1	1815
662	121569	0	0	1	0	0	0.138888889	0	0	1	1	1816
682	122063	0	0	1	0	0	0.138888889	0	0	1	1	1817
700	123046	0	0	1	0	0	0.138888889	0	0	1	1	1818
722	123861	0	0	1	0	0	0.138888889	0	0	1	1	1819
728	124226	0	0	1	0	0	0.138888889	0	0	1	1	1820
732	124344	0	0	1	0	0	0.138888889	0	0	1	1	1821
742	124723	0	0	1	0	0	0.138888889	0	0	1	1	1822
751	125242	0	1	0	0	1	0	1	0	0	1	1823
782	126708	0	0	1	0	0	0.138888889	0	0	1	1	1824

787	127032	0	0	1	0	0	0.138888889	0	0	1	1	1825
791	127564	0	0	1	0	0	0.138888889	0	0	1	1	1826
795	127751	0	0	1	0	0	0.138888889	0	0	1	1	1827
798	127954	0	0	1	0	0	0.138888889	0	0	1	1	1828
814	128926	0	0	1	0	0	0.138888889	0	0	1	1	1829
819	129148	0	1	0	0	1	0	1	0	0	1	1830
846	130969	0	0	1	0	0	0.138888889	0	0	1	1	1831
855	131384	0	1	0	0	1	0	1	0	0	1	1832
856	131460	0	0	1	0	0	0.138888889	0	0	1	1	1833
863	131776	0	1	0	0	1	0	1	0	0	1	1834
885	132778	0	0	1	0	0	0.138888889	0	0	1	1	1835
896	133675	0	0	1	0	0	0.138888889	0	0	1	1	1836
915	134572	0	1	0	0	1	0	1	0	0	1	1837
933	135153	0	0	1	0	0	0.138888889	0	0	1	1	1838
965	136196	0	0	1	0	0	0.138888889	0	0	1	1	1839
973	136407	0	0	1	0	0	0.138888889	0	0	1	1	1840
980	136596	0	0	1	0	0	0.138888889	0	0	1	1	1841
1017	137680	0	1	0	0	1	0	1	0	0	1	1842
1024	137799	0	1	0	0	1	0	1	0	0	1	1843
1052	138174	0	0	1	0	0	0.138888889	0	0	1	1	1844
1089	138632	0	0	1	0	0	0.138888889	0	0	1	1	1845
1104	138932	0	0	1	0	0	0.138888889	0	0	1	1	1846
1184	140513	0	0	1	0	0	0.138888889	0	0	1	1	1847
1212	140766	0	0	1	0	0	0.138888889	0	0	1	1	1848
1582	142298	0	1	0	0	1	0	1	0	0	1	1849
1653	142680	0	0	1	0	0	0.138888889	0	0	1	1	1850
1663	142724	0	0	1	0	0	0.138888889	0	0	1	1	1851
1666	142733	0	0	1	0	0	0.138888889	0	0	1	1	1852
1748	143240	0	0	1	0	0	0.138888889	0	0	1	1	1853

1763	143355	0	0	1	0	0	0.138888889	0	0	1	1	1854
1781	143482	0	0	1	0	0	0.138888889	0	0	1	1	1855
1784	143506	0	0	1	0	0	0.138888889	0	0	1	1	1856
1823	143771	0	0	1	0	0	0.138888889	0	0	1	1	1857
1824	143775	0	0	1	0	0	0.138888889	0	0	1	1	1858
279	107414	0	0	0	0	0	0	0	0	0	0	1859
569	118555	0	NA	0	0	NA	0	NA	0	0	0	1860



കേരള സർക്കാർ

സംഗ്രഹം

പട്ടികജാതി/പട്ടികവർഗ്ഗ വികസന വകുപ്പ്—പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾക്ക് വിദ്യാഭ്യാസാനുകൂല്യങ്ങൾ അനുവദിക്കുന്നതിനുള്ള വ്യക്തമായ മാനദണ്ഡങ്ങൾ ഉൾപ്പെടുത്തി സമഗ്രമായ ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു

പട്ടികജാതി/പട്ടികവർഗ്ഗ വികസന (എ) വകുപ്പ്

സ.ഉ. (അച്ചടി) നമ്പർ 50/2009/പജ.പവ.വിവ. തിരുവനന്തപുരം, 2009 ജൂലൈ 2.

പരാമർശം:—1-2-2008-ലെ സ. ഉ. (എംഎസ്.) 20/08/പജ.പവ.വിവ.

ഉത്തരവ്

സംസ്ഥാന സർക്കാർ അനുവദിക്കുന്ന വിദ്യാഭ്യാസാനുകൂല്യം പ്രയോജനപ്പെടുത്തി കേരളീയരായ ധാരാളം പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾ കേരളത്തിനകത്തും പുറത്തും വിവിധ കോഴ്സുകളിൽ പഠനം നടത്തിവരുന്നുണ്ട്. കാലാകാലങ്ങളിലെ ആവശ്യങ്ങൾ പരിഗണിച്ച് വിവിധ കോഴ്സുകൾക്കായി സർക്കാർ പുറപ്പെടുവിച്ചിട്ടുള്ള നിരവധി ഉത്തരവുകളെ അടിസ്ഥാനമാക്കിയാണ് ഫീസാനുകൂല്യം ഇപ്പോൾ നൽകിവരുന്നത്. വർഷത്തോറും പുതിയ പുതിയ കോഴ്സുകൾ രാജ്യത്ത് വിദ്യാഭ്യാസ മേഖലയിലേക്ക് ചേർക്കപ്പെടുന്നുണ്ട്. അത്തരം കോഴ്സുകൾക്ക് ഫീസാനുകൂല്യം അനുവദിക്കുവാൻ നിലവിലുള്ള ചട്ടത്തിൽ വ്യവസ്ഥയില്ലാത്ത സ്ഥിതിയും നിലനിൽക്കുന്നുണ്ട്.

കേരളീയരായ പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾക്ക് വിദ്യാഭ്യാസാനുകൂല്യം അനുവദിക്കുന്നതിന് വിദ്യാഭ്യാസരംഗത്തെ സംസ്ഥാനത്തിനകത്തുള്ള പഠനം എന്നും സംസ്ഥാനത്തിന് പുറത്തുള്ള പഠനം എന്നും രണ്ട് വിഭാഗം ആയി തിരിച്ച് വ്യക്തമായ മാനദണ്ഡങ്ങൾ ഉൾപ്പെടുത്തി സമഗ്രമായ ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

വിഭാഗം—I സംസ്ഥാനത്തിനകത്തുള്ള പഠനം

A. പ്രീ-മെട്രിക് വിദ്യാഭ്യാസം

- (a) (i) നഴ്സറി മുതൽ 10-ാം ക്ലാസ്സ് വരെ (സർക്കാർ/എയിഡഡ് സ്കൂളുകളിൽ).
- (ii) ജി. വി. രാജ സ്പോർട്സ് സ്കൂൾ, കേന്ദ്രീയ വിദ്യാലയങ്ങൾ, സൈനിക സ്കൂൾ ഇവയിൽ 10-ാം ക്ലാസ്സ് വരെയുള്ള പഠനം.
- (iii) അംഗീകൃത അൺഎയിഡഡ് സ്കൂളിൽ ട്യൂഷൻ ഫീസ് റീ-ഇംപേഴ്സ്മെന്റ് പദ്ധതി (സർക്കാർ അംഗീകരിച്ച ലംപ്സം ഗ്രാന്റും ട്യൂഷൻ ഫീസും സ്പെഷ്യൽ ഫീസും മാത്രം നൽകുന്നതാണ്).
- (iv) സാക്ഷരത മിഷൻ 10-ാം തരം തുല്യതാപഠനം (ഫീസാനുകൂല്യം മാത്രം നൽകുന്നതാണ്).
- (b) (i) ഡയറക്ടർ ഓഫ് ടെക്നിക്കൽ എഡ്യൂക്കേഷനുകീഴിലുള്ള ടെക്നിക്കൽ സ്കൂളുകൾ (പത്താം ക്ലാസ്സ് വരെ).
- (ii) ഐ. എച്ച്. ആർ. ഡി. ക്ലബ്ബുകളിലുള്ള ടെക്നിക്കൽ സ്കൂളുകൾ (പത്താം ക്ലാസ്സ് വരെ).
- (iii) ഐ. ടി. ഐ., ഐ. ടി. സി., നോൺ മെട്രിക് ട്രേഡുകൾ (സർക്കാരിന്റേയും പട്ടികജാതി/പട്ടികവർഗ്ഗ വികസന വകുപ്പുകളുടേയും അംഗീകാരം ഉള്ളവ).
- (iv) എഞ്ചിനീയറിംഗ് ആന്റ് നോൺ എഞ്ചിനീയറിംഗ് വൊക്കേഷണൽ ട്രെയിനിംഗ് സ്ഥാപനങ്ങൾ—നോൺ മെട്രിക് ട്രേഡുകൾ [Kerala Government Certificate in Engineering (KGCE)] (സർക്കാരിന്റേയും പട്ടികജാതി/പട്ടികവർഗ്ഗ വികസന വകുപ്പുകളുടേയും അംഗീകാരം ഉള്ളവ).
- (c) IHRD, ടെക്നിക്കൽ എഡ്യൂക്കേഷൻ ഡയറക്ടർ, ഡയറക്ടർ ഓഫ് ട്രെയിനിംഗ് തുടങ്ങിയവയുടെ കീഴിലുള്ള സ്കൂളുകൾ—സർക്കാർ അംഗീകാരവും പട്ടികജാതി/പട്ടികവർഗ്ഗ വികസന വകുപ്പിന്റെ അംഗീകാരവും ഉള്ള വൊക്കേഷണൽ എഞ്ചിനീയറിംഗ്, നോൺ എഞ്ചിനീയറിംഗ് സ്ഥാപനങ്ങൾ.

B. പോസ്റ്റ് മെട്രിക് വിദ്യാഭ്യാസം

- (i) +1, +2, വൊക്കേഷണൽ ഹയർ സെക്കന്ററി, കേന്ദ്രീയ വിദ്യാലയങ്ങൾ, സൈനിക സ്കൂളുകൾ, ടെക്നിക്കൽ സ്കൂളുകൾ, ജി. വി. രാജ സ്പോർട്സ്, പോളിടെക്നിക്കുകൾ, IHRD സ്കൂളുകൾ.
- (ii) സംസ്ഥാനത്തെ വിവിധ യൂണിവേഴ്സിറ്റികൾ അംഗീകരിച്ച വിവിധ ഡിപ്ലോമ, ഡിഗ്രി, പി. ജി. കോഴ്സുകൾ, പ്രൈവേഷണൽ കോഴ്സുകൾ (അനുബന്ധത്തിലെ പട്ടിക പ്രകാരം).

- (ii) (a) ഒരു പോസ്റ്റ് മെട്രിക് കോഴ്സിനുപുറമെ മറ്റു രണ്ടു കോഴ്സുകൾക്കു കൂടി എല്ലാവിധ ആനുകൂല്യങ്ങളും വാങ്ങി പഠിക്കാവുന്നതാണ്. ഇതിനു മുൻപിലത്തെ കോഴ്സ് പൂർത്തിയാക്കണമെന്നില്ല.
- (iii) വിവിധ പ്രൊഫഷണൽ കോഴ്സുകൾ (അനുബന്ധത്തിലെ പട്ടിക പ്രകാരം).
- (iv) പോളിടെക്നിക് കോഴ്സുകൾ, ITI, ITC മെട്രിക് ട്രേഡുകൾ (സർക്കാരിന്റെയും പട്ടികജാതി/പട്ടികവർഗ്ഗ വികസന വകുപ്പിന്റെയും അംഗീകാരമുള്ളവ).
- (v) സർക്കാർ നിയന്ത്രിത കോ-ഓപ്പറേറ്റീവ് സ്ഥാപനങ്ങളിലെ കോഴ്സുകൾ (മറ്റു സഹകരണ യൂണിയൻ സ്ഥാപനങ്ങളെ പരിഗണിക്കില്ല).
- (vi) കേന്ദ്ര-സംസ്ഥാന സർക്കാർ വിദ്യാഭ്യാസ സ്ഥാപനങ്ങൾ, സംസ്ഥാന കേന്ദ്ര സർക്കാർ നിയന്ത്രിത സ്ഥാപനങ്ങളായ എൽ. ബി. എസ്. സെന്റർ, ഐ. എച്ച്. ആർ. ഡി., സി-ഡിറ്റ്, C-DAC, ER&DC തുടങ്ങിയ സ്ഥാപനങ്ങളിലെ കോഴ്സുകൾ (സർക്കാരുകളുടെ നേരിട്ടുള്ള നിയന്ത്രണത്തിലുള്ളവ മാത്രം. ഫ്രാഞ്ചൈസികളെ ഉപയോഗിച്ചുള്ളവയ്ക്ക് അർഹതയില്ല).
- (vii) യൂണിവേഴ്സിറ്റികൾ, സർക്കാർ നിയന്ത്രിത സ്ഥാപനങ്ങൾ (എയിഡഡ്) എന്നിവയിലെ അൺഎയിഡഡ് കോഴ്സുകൾക്ക് സർക്കാർ/യൂണിവേഴ്സിറ്റി നിശ്ചയിച്ചിട്ടുള്ള നിരക്കിൽ ആനുകൂല്യം അനുവദിക്കുന്നതാണ്. അൺഎയിഡഡ് സ്ഥാപനങ്ങളിലെ അൺ എയിഡഡ് കോഴ്സുകൾക്ക് യാതൊരുവിധ ആനുകൂല്യങ്ങളും ലഭിക്കുകയില്ല.
- (viii) എം. ഫിൽ., പിഎച്ച്. ഡി., എം. ടെക്., എം. ലിറ്റ്. തുടങ്ങിയ കോഴ്സുകളിൽ യു. ജി. സി./ഗേറ്റ് പാസ്സാക്കാത്ത വിദ്യാർത്ഥികൾക്ക് കാലാകാലങ്ങളിൽ യു. ജി. സി. അനുവദിക്കുന്ന തുകയുടെ 75% നിരക്കിൽ ഫെലോഷിപ്പും കണ്ടിജൻ്റ് ഗ്രാന്റും ലഭിക്കുന്നതാണ്.
- (ix) സംസ്ഥാന യൂണിവേഴ്സിറ്റികളുടെയും ഇന്റർഗവൺമെന്റൽ നാഷണൽ ഓപ്പൺ യൂണിവേഴ്സിറ്റിയുടെയും (IGNOU) ഓഫ് ക്യാമ്പസ് കോഴ്സുകൾ (അംഗീകൃത ഫിസാനുകൂല്യം മാത്രം നൽകുന്നതാണ്).
- (x) ഇവനിംഗ് കോഴ്സുകൾ (പാർട്ട് ടൈം കോഴ്സുകൾ).
- (xi) വിദൂര വിദ്യാഭ്യാസ കോഴ്സുകൾ.

മേൽപ്പറഞ്ഞവയിൽ പ്രീ-മെട്രിക് തലത്തിൽ A (a) (i) മുതൽ (a) (ii) വരെയും (b) (i) മുതൽ (iv) വരെയും (c)-ലും പോസ്റ്റ് മെട്രിക് തലത്തിൽ B (i) മുതൽ (vii) വരെയും സൂചിപ്പിച്ചിട്ടുള്ളവയ്ക്ക് പരാമർശം (1)-ലെ സർക്കാർ ഉത്തരവ് പ്രകാരമുള്ള ആനുകൂല്യങ്ങളും ട്യൂഷൻ ഫീസ്, പരീക്ഷാഫീസ്, സ്പെഷ്യൽ ഫീസ് എന്നിവയും നൽകുന്നതാണ്. B (ix), (x), (xi) എന്നിവയിൽ യൂണിവേഴ്സിറ്റിക്ക്/ബോർഡിന് നൽകേണ്ട യഥാർത്ഥ ട്യൂഷൻ ഫീസ്, പരീക്ഷ ഫീസ് എന്നിവ മാത്രം അനുവദിക്കുന്നതാണ്.

പോസ്റ്റ് മെട്രിക് തലത്തിൽ മെറിറ്റ് ക്വാട്ടയിലും റിസർവേഷൻ ക്വാട്ടയിലും മാത്രം പ്രവേശനം നേടുന്ന പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾക്ക് മാത്രമേ ആനുകൂല്യങ്ങൾക്ക് അർഹതയുണ്ടാകുകയുള്ളൂ.

നിലവിലുള്ള റിസർവേഷൻ അനുസരിച്ച് ഏതെങ്കിലും സ്ഥാപനം നിയമാനുസൃതമായി പ്രൊഫഷണൽ കോഴ്സുകൾക്ക് 10%, മറ്റു കോഴ്സുകൾക്ക് 20% റിസർവേഷനുപരിയായി പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികളെ പ്രവേശിപ്പിക്കുന്നുണ്ടെങ്കിൽ അതിന് സർക്കാരിന്റെ മുൻകൂർ അനുമതി വാങ്ങിയിരിക്കേണ്ടതാണ്. ഇവർക്ക് സർക്കാർ നിരക്കിൽ ആനുകൂല്യം അനുവദിക്കുന്നതാണ്.

സർക്കാർ നിയന്ത്രിത/അംഗീകൃത/എയ്ഡഡ് സ്ഥാപനങ്ങളിലെ മാനേജ്മെന്റ് പ്രിവിലേജ്/എൻ.ആർ.ഐ. ക്വാട്ടയിൽ പ്രവേശനം നേടുന്ന പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾക്ക് വിദ്യാഭ്യാസാനുകൂല്യം നൽകുന്നതല്ല.

റയിൽവേ, ഫാക്ട് തുടങ്ങിയ പൊതുമേഖലാ സ്ഥാപനങ്ങൾ നടത്തുന്ന വിദ്യാഭ്യാസ സ്ഥാപനങ്ങളിലെ വിദ്യാർത്ഥികൾക്ക് ഫീസ് സ്ഥാപനത്തിന്റെ നിരക്കിലും മറ്റ് ആനുകൂല്യങ്ങൾ പരാമർശം (1)-ലെ സർക്കാർ ഉത്തരവ് പ്രകാരവും അനുവദിക്കുന്നതാണ്. പി. ടി. എ. ഫണ്ട്, ക്യാഷൻ ഡിപ്പോസിറ്റ് എന്നിവ നൽകുന്നതല്ല.

C. സ്വകാര്യ അൺഎയ്ഡഡ് സ്ഥാപനങ്ങളിലെ കോഴ്സുകൾ

- (i) ഗവൺമെന്റ് അംഗീകൃതമായ (വാശ്രയ സ്ഥാപനങ്ങളിൽ പ്രീ-മെട്രിക് പഠനത്തിന് കാലാകാലങ്ങളിൽ പൊതുവിദ്യാഭ്യാസ വകുപ്പ് നിശ്ചയിക്കുന്ന ഫീസ് നൽകുന്നതാണ്. CBSE, ICSE, State Syllabus എന്നിവയ്ക്ക് മേൽനിർദ്ദേശ ബാധകമാണ്. മേൽപ്പറഞ്ഞ പ്രകാരം പ്രവേശനം ലഭിക്കുന്ന പട്ടികജാതി/ പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾക്ക് പരാമർശം (1)-ലെ സർക്കാർ ഉത്തരവ് പ്രകാരമുള്ള ആനുകൂല്യങ്ങളും സർക്കാർ അംഗീകരിക്കുന്നതുമായ ഫീസും അനുവദിക്കുന്നതാണ്.

- (ii) എന്നാൽ മേൽപ്പറഞ്ഞ സിലബസ് പ്രകാരം അൺഎയിഡഡ് സ്ഥാപനങ്ങളിലെ ഹയർ സെക്കന്ററി (+1, +2) വിദ്യാഭ്യാസത്തിന് ആനുകൂല്യം ലഭിക്കുന്നതല്ല.
- (iii) സ്വകാര്യ അൺഎയിഡഡ് സ്ഥാപനങ്ങളിലെ പോസ്റ്റ് മെട്രിക് കോഴ്സുകളിൽ പഠിക്കുന്നവർക്ക് യാതൊരുവിധ ആനുകൂല്യങ്ങളും നൽകുന്നതല്ല.

D. സ്വകാര്യ സ്വാശ്രയ സ്ഥാപനങ്ങളിലെ പ്രൊഫഷണൽ കോഴ്സുകൾ

- (i) ഈ ഉത്തരവിന്റെ അനുബന്ധത്തിൽ ചേർത്തിട്ടുള്ള പ്രൊഫഷണൽ കോഴ്സുകൾക്ക് പ്രവേശന പരീക്ഷാ കമ്മീഷണർ തയ്യാറാക്കുന്ന റാങ്ക് ലിസ്റ്റിൽ നിന്നും പ്രവേശന പരീക്ഷാ കമ്മീഷണർ അലോട്ട് ചെയ്യുന്ന പ്രകാരം പ്രവേശനം നേടുന്നവർക്കും ഡി. എം. ഇ., ഡി. എച്ച്. എസ്., നഴ്സിംഗ് കൗൺസിൽ തുടങ്ങിയ സർക്കാർ അംഗീകൃത ഏജൻസികൾ തയ്യാറാക്കിയ റാങ്ക് ലിസ്റ്റിൽ നിന്നും സർക്കാർ അംഗീകൃത സ്വാശ്രയ സ്ഥാപനങ്ങളിലെ പ്രൊഫഷണൽ കോഴ്സുകൾക്ക് അലോട്ട്മെന്റ് വഴി പ്രവേശനം നേടുന്ന പട്ടികജാതി/പട്ടിക വർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾക്ക് സർക്കാർ/സർക്കാർ ഏജൻസി/യൂണിവേഴ്സിറ്റി നിശ്ചയിക്കുന്ന ഫീസ് ഉൾപ്പെടെയുള്ള വിദ്യാഭ്യാസാനുകൂല്യം നൽകുന്നതാണ്.
- (ii) സ്വകാര്യ സ്ഥാപനങ്ങൾ നടത്തുന്ന ജനറൽ നഴ്സിംഗ് കോഴ്സുകൾക്ക് പ്രവേശനം ലഭിക്കുന്ന പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾക്ക് സർക്കാർ നിശ്ചയിക്കുന്ന നിരക്കിൽ മാത്രമേ ഫീസ് നൽകുകയുള്ളൂ.
- (iii) CAT, MAT, JEE, JMET, XAT, ATMA തുടങ്ങിയ അഖിലേന്ത്യാ പ്രവേശന പരീക്ഷവഴി സ്വാശ്രയ സ്ഥാപനങ്ങളിൽ പ്രവേശനം ലഭിക്കുന്നവർക്ക് സർക്കാർ/യൂണിവേഴ്സിറ്റി അംഗീകരിച്ച ഫീസും പരാമർശം (1)-ലെ ഉത്തരവ് പ്രകാരമുള്ള ആനുകൂല്യങ്ങളും ലഭിക്കുന്നതാണ്.
- (iv) മാനേജ്മെന്റ്, പ്രിവിലേജ്/എൻ. ആർ. ഐ. ക്വാട്ടയിൽ പ്രവേശനം നേടിയവർക്ക് ആനുകൂല്യത്തിന് അർഹത ഉണ്ടാവില്ല.

E. ഡീംഡ് യൂണിവേഴ്സിറ്റികൾ

കേന്ദ്ര സർക്കാരിന്റെയോ, സംസ്ഥാന സർക്കാരിന്റെയോ അംഗീകാരത്തോടെ പ്രവർത്തിക്കുന്ന ഡീംഡ് യൂണിവേഴ്സിറ്റികളിൽ മെറിറ്റ് സീറ്റിലും റിസർവേഷൻ സീറ്റിലും പ്രവേശനം നേടുന്ന പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾക്ക് ഫീസ് ഉൾപ്പെടെയുള്ള ആനുകൂല്യം അനുവദിക്കുന്നതാണ്. എന്നാൽ സ്വകാര്യ ഡീംഡ് യൂണിവേഴ്സിറ്റികളിൽ പ്രവേശനം നേടുന്നവർക്ക് ആനുകൂല്യത്തിന് അർഹതയില്ല.

F. പാരലൽ കോളേജ് വിദ്യാഭ്യാസം

+1 കോഴ്സിന് പ്രവേശിക്കുന്ന വിദ്യാർത്ഥികൾക്ക് പാരലൽ കോളേജ് വിദ്യാഭ്യാസത്തിന് ആനുകൂല്യം ലഭിക്കുന്നതിന് ജില്ലകളിലെ ഏകജാലക സംവിധാനം വഴി അപേക്ഷ സമർപ്പിച്ചിരുന്നുവെങ്കിലും പ്രവേശനം ലഭിച്ചിട്ടില്ലായെന്നുള്ള സർട്ടിഫിക്കറ്റ് ഹാജരാക്കേണ്ടതാണ്. ബിരുദ-ബിരുദാനന്തര കോഴ്സുകൾക്ക് പാരലൽ ആയി പ്രൈവറ്റ് കേന്ദ്രങ്ങൾ

ളിൽ പഠിക്കേണ്ടി വരികയാണെങ്കിൽ യൂണിവേഴ്സിറ്റി/ബോർഡ് നിശ്ചയിച്ച പരീക്ഷാഫീസിന് പുറമേ കാലാകാലങ്ങളിൽ സർക്കാർ പുറപ്പെടുവിക്കുന്ന ഉത്തരവ് പ്രകാരം ട്യൂഷൻ ഫീസും അനുവദിക്കുന്നതാണ്. ഇതോടൊപ്പം പരാമർശം (1) ലെ സർക്കാർ ഉത്തരവ് പ്രകാരമുള്ള മറ്റു ആനുകൂല്യങ്ങളും അനുവദിക്കുന്നതാണ്.

വിഭാഗം-II സംസ്ഥാനത്തിന് പുറത്തുള്ള പഠനം

A. ജനറൽ കോഴ്സുകൾ

- (i) കേരളത്തിനു പുറത്ത് താൽക്കാലികമായി താമസിക്കേണ്ടിവരുന്ന കേരളീയരായ പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റർഹ വിഭാഗക്കാരുടെ മക്കൾക്ക് അന്യ സംസ്ഥാനങ്ങളിലെ സർക്കാർ/എയിഡഡ് സ്ഥാപനങ്ങളിൽ പ്രീ-മെട്രിക്/പോസ്റ്റ് മെട്രിക് കോഴ്സുകളിൽ ചേർന്ന് പഠിക്കേണ്ടിവരുന്നപക്ഷം ഇവർ സംസ്ഥാനത്തിനകത്ത് സർക്കാർ സ്ഥാപനത്തിൽ പഠിച്ചിരുന്നുവെങ്കിൽ ലഭിക്കുമായിരുന്ന വിദ്യാഭ്യാസ ആനുകൂല്യങ്ങൾ ലഭിക്കുന്നതാണ്.
- (ii) സംസ്ഥാനത്തിനു പുറത്ത് 1950-നുമുമ്പ് സ്ഥിരതാമസമാക്കിയിട്ടുള്ള കേരളീയരായ പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റർഹ വിഭാഗക്കാരുടെ പിൻതലമുറക്കാർക്ക് ഈ ആനുകൂല്യത്തിന് അർഹതയുണ്ടായിരിക്കുന്നതല്ല.
- (iii) കേരളത്തിൽ നിലവിലില്ലാത്ത ഒരു കോഴ്സിന് അന്യസംസ്ഥാനത്ത് പഠിക്കുന്നവർക്ക് വിദ്യാഭ്യാസാനുകൂല്യം അനുവദിക്കുന്നതാണ്.

B. പ്രൊഫഷണൽ കോഴ്സുകൾ

- (i) കേന്ദ്രസർക്കാർ/കേന്ദ്ര യൂണിവേഴ്സിറ്റികൾ/ബോർഡുകൾ എന്നിവ നടത്തുന്ന അഖിലേന്ത്യാ പ്രവേശന പരീക്ഷ വഴിയോ CAT, MAT, JEE, JMET, XAT, ATMA എന്നീ പ്രവേശന പരീക്ഷ വഴിയോ അലോട്ട്മെന്റ് ലഭിക്കുന്ന പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റർഹ വിഭാഗം വിദ്യാർത്ഥികൾക്ക് വിദ്യാഭ്യാസാനുകൂല്യത്തിന് അർഹതയുണ്ട്.
- (ii) കേന്ദ്ര സർക്കാർ നിയന്ത്രണത്തിലുള്ള ഡീംഡ് യൂണിവേഴ്സിറ്റികൾ, കേന്ദ്ര യൂണിവേഴ്സിറ്റികളോട് അഫിലിയേറ്റ് ചെയ്തിട്ടുള്ള സർക്കാർ കോളേജുകൾ എന്നിവയിൽ മെറിറ്റ് സീറ്റിലും റിസർവേഷൻ സീറ്റിലും പ്രവേശനം നേടുന്ന പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റർഹ വിഭാഗം വിദ്യാർത്ഥികൾക്ക് സ്ഥാപനം നിശ്ചയിക്കുന്ന ഫീസ് ഉൾപ്പെടെയുള്ള വിദ്യാഭ്യാസ ആനുകൂല്യം നൽകുന്നതാണ്.
- (iii) പ്രൈവറ്റ് യൂണിവേഴ്സിറ്റികൾ, പ്രൈവറ്റ് ഡീംഡ് യൂണിവേഴ്സിറ്റികൾ, സ്വയം ഭരണസ്ഥാപനങ്ങൾ എന്നിവ നടത്തുന്ന അഖിലേന്ത്യാ പ്രവേശന പരീക്ഷകൾ വഴി വിവിധ കോഴ്സുകൾക്ക് പ്രവേശനം നേടുന്നവർക്ക് ആനുകൂല്യം ലഭിക്കുന്നതല്ല.

- (iv) കേരളത്തിൽ നിലവിലുള്ള പ്രൊഫഷണൽ കോഴ്സുകൾക്ക് അന്യസംസ്ഥാനത്ത് പഠിക്കുന്ന കേരളത്തിൽ സ്ഥിരതാമസമുള്ളവർക്ക് വിദ്യാഭ്യാസാനുകൂല്യത്തിന് അർഹതയുണ്ടായിരിക്കുകയില്ല.

പൊതു വ്യവസ്ഥകൾ

1. ഒരു വർഷത്തിൽ/ഒരു സെമസ്റ്ററിൽ/ഒരു ടേമിൽ 75 ശതമാനം ഹാജർ ഉറപ്പു വരുത്തിയതിനുശേഷം മാത്രമേ തുടർന്നുള്ള കാലയളവിലെ വിദ്യാഭ്യാസ ആനുകൂല്യങ്ങൾ അനുവദിക്കാൻ പാടുള്ളൂ.
2. സ്വാശ്രയ സ്ഥാപനങ്ങളിൽ മാനേജ്മെന്റ് പ്രിവിലേജ്/എൻ. ആർ. ഐ. ക്വാട്ടകളിൽ പ്രവേശനം ലഭിച്ചവർക്ക് വിദ്യാഭ്യാസ ആനുകൂല്യം നൽകുന്നതല്ല.
3. M.B.B.S., B.V.Sc., Engineering, B.A.M.S. എന്നീ പ്രൊഫഷണൽ കോഴ്സുകൾക്ക് സർക്കാർ/എയിഡഡ് സ്ഥാപനങ്ങളിൽ പ്രവേശനം ലഭിച്ച പട്ടികജാതി/പട്ടിക വർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾ തോറ്റു പഠിക്കേണ്ടിവരുമ്പോൾ ഒരേ ക്ലാസ്സിൽ മൂന്ന് പ്രാവശ്യം റിപ്പീറ്റ് ചെയ്യുന്നതിന് ലംപ്സം ഗ്രാന്റ് ഒഴികെയുള്ള ആനുകൂല്യം അനുവദിക്കുന്നതാണ്. ജനറൽ കോഴ്സുകൾക്ക് മൂന്ന് പ്രാവശ്യം പരീക്ഷ ഫീസ് മാത്രം നൽകുന്നതാണ്. സ്വാശ്രയ മേഖലയിലെ എം.ബി.ബി.എസ്. കോഴ്സുകൾക്ക് മൂന്ന് പ്രാവശ്യം തോറ്റു പഠിക്കുന്നതിന് 50 ശതമാനം നിരക്കിൽ ഫീസ് ആനുകൂല്യവും ലംപ്സം ഗ്രാന്റ് ഒഴികെ മറ്റ് ആനുകൂല്യങ്ങളും ലഭിക്കുന്നതാണ്.
4. കോഴ്സുകളുടെ ഫീസ് സംബന്ധിച്ച് ആരോഗ്യ കുടുംബക്ഷേമ വകുപ്പ്, ഉന്നത വിദ്യാഭ്യാസ വകുപ്പ്, പൊതു വിദ്യാഭ്യാസ വകുപ്പ്, ടൂറിസം വകുപ്പ് എന്നീ വകുപ്പുകൾ പുറപ്പെടുവിക്കുന്ന ഉത്തരവുകൾ പ്രകാരം കോഴ്സുകൾക്ക് പ്രസ്തുത ഉത്തരവിലെ ഫീസ് അനുവദിക്കുന്നതാണ്. മറ്റു കോഴ്സുകൾക്ക് പട്ടികജാതി/പട്ടികവർഗ്ഗ വികസന വകുപ്പിന്റെ ഉത്തരവുകൾ ബാധകമായിരിക്കും.
5. സ്പോർട്സ് ക്വാട്ടയിലും ഡിഫൻസ് ക്വാട്ടയിലും പ്രവേശനം ലഭിക്കുന്ന പട്ടികജാതി/പട്ടികവർഗ്ഗ/മറ്റു വിഭാഗം വിദ്യാർത്ഥികൾക്ക് അർഹതപ്പെട്ട ആനുകൂല്യങ്ങൾ അനുവദിക്കുന്നതാണ്.
6. ഈ ഉത്തരവിലെ ഏതെങ്കിലും ഭാഗം സംബന്ധിച്ച് സ്പഷ്ടീകരണം ആവശ്യമാകുന്നപക്ഷം ആയത് സർക്കാർ പുറപ്പെടുവിക്കുന്നതാണ്. മറിച്ച് ഇത് സംബന്ധിച്ച് കീഴ്തലങ്ങളിൽ പുറപ്പെടുവിക്കുന്ന സ്പഷ്ടീകരണംവഴി സർക്കാരിന് സാമ്പത്തിക നഷ്ടം ഉണ്ടാകുന്നപക്ഷം പ്രസ്തുത നഷ്ടം അതിനുത്തരവാദിയായവരിൽനിന്ന് വസൂലാക്കുന്നതാണ്.
7. പ്രൊഫഷണൽ കോഴ്സുകൾക്ക് പ്രോജക്ട് അലവൻസും ഇന്റേൺഷിപ്പും അനുവദിക്കുന്നതാണ്.

8. അന്യ സംസ്ഥാന പഠനത്തിന് വിദ്യാഭ്യാസ ആനുകൂല്യം ആവശ്യപ്പെട്ട് ഈ ഉത്തരവ് പുറപ്പെടുവിക്കുന്നതിന് മുൻപ് സർക്കാരിൽ ലഭിച്ച് തീർപ്പാക്കാതെ കിടക്കുന്ന പരാതികളും തീർപ്പാക്കിയതിന്മേൽ ലഭിക്കുന്ന അപ്പീൽ പരാതികളും മുൻ ഉത്തരവുകൾ പ്രകാരം പ്രത്യേകം പരിഗണിച്ച് തീർപ്പാക്കാനുള്ള അധികാരം സർക്കാരിൽ മാത്രം നിക്ഷിപ്തമായിരിക്കും.

C. വിദേശ പഠനം

വിദേശ പഠനത്തിന് വിദ്യാഭ്യാസ ആനുകൂല്യം അനുവദിക്കണമെന്ന ആവശ്യം ഓരോ അപേക്ഷയുടെയും മെറിറ്റ് പരിഗണിച്ച് യഥാസമയം യുക്തമായ തീരുമാനം സർക്കാർ കൈക്കൊള്ളുന്നതാണ്.

വിദ്യാഭ്യാസ ആനുകൂല്യങ്ങൾ അനുവദിച്ചുകൊണ്ട് ഇതിനുമുമ്പ് ഈ വകുപ്പ് പുറപ്പെടുവിച്ച് പരാമർശം (1)-ലെ ഉത്തരവ് ഒഴികെയുള്ള മറ്റെല്ലാ ഉത്തരവുകളും ഇതോടെ റദ്ദാക്കുന്നതാണ്. എന്നാൽ മെസ് ചാർജ്, സ്റ്റൈപ്പെന്റ്, യൂണിഫോം ചാർജ്, പോക്കറ്റ് മണി, ലംപ്സം ഗ്രാന്റ്, സ്റ്റഡി ടുർ, പ്രോജക്ട് അലവൻസ്, തീസിസ് ഗ്രാന്റ്, ടി. എ., ഡി.എ., മത്സരപരീക്ഷകൾക്കുള്ള പ്രത്യേക ധനസഹായം, രക്ഷകർത്താക്കൾക്കുള്ള പ്രോത്സാഹനം, ബുക്ക് അലവൻസ് തുടങ്ങിയ മേഖലകളിൽ മുമ്പ് പുറപ്പെടുവിച്ചിട്ടുള്ള ഉത്തരവുകൾ നിലനിൽക്കുന്നതാണ്.

പുതിയ ഉത്തരവിനുശേഷം ഇതിന് വിരുദ്ധമായി അനുവദിക്കപ്പെടുന്ന വിദ്യാഭ്യാസ ആനുകൂല്യങ്ങൾ ബന്ധപ്പെട്ട ഉദ്യോഗസ്ഥരിൽനിന്നും തിരിച്ചു പിടിക്കുന്നതാണ്.

ഗവർണ്ണറുടെ ഉത്തരവിൻപ്രകാരം,

പോൾ ആന്റണി,

ഗവൺമെന്റ് പ്രിൻസിപ്പൽ സെക്രട്ടറി.

ഡയറക്ടർ, പട്ടികജാതി വികസന വകുപ്പ്, തിരുവനന്തപുരം.

ഡയറക്ടർ, പട്ടികവർഗ്ഗ വികസന വകുപ്പ്, തിരുവനന്തപുരം.

സാങ്കേതിക വിദ്യാഭ്യാസ ഡയറക്ടർ, തിരുവനന്തപുരം.

കോളേജ് വിദ്യാഭ്യാസ ഡയറക്ടർ, തിരുവനന്തപുരം.

പൊതുവിദ്യാഭ്യാസ ഡയറക്ടർ, തിരുവനന്തപുരം.

മെഡിക്കൽ വിദ്യാഭ്യാസ ഡയറക്ടർ, തിരുവനന്തപുരം.

ഹോമിയോപ്പതിക് ഡയറക്ടർ, തിരുവനന്തപുരം.

ഭാരതീയ ചികിത്സാ വകുപ്പ് ഡയറക്ടർ, തിരുവനന്തപുരം.

ആയുർവേദ കോളേജ് പ്രിൻസിപ്പൽമാർ (ഭാരതീയ ചികിത്സാവകുപ്പ് ഡയറക്ടർ മുഖേന).

മാനേജിംഗ് ഡയറക്ടർ, പട്ടികജാതി/പട്ടികവർഗ്ഗ വികസന കോർപ്പറേഷൻ.
 രജിസ്ട്രാർ, കേരള/മഹാരാഷ്ട്രാഗ്രാമീണ/കോഴിക്കോട്/കൊച്ചി/കണ്ണൂർ യൂണിവേഴ്സിറ്റി.
 രജിസ്ട്രാർ, കേരള കാർഷിക സർവ്വകലാശാല, തൃശ്ശൂർ.
 പ്രിൻസിപ്പൽ അക്കൗണ്ടന്റ് ജനറൽ (ആഡിറ്റ്), കേരള, തിരുവനന്തപുരം.
 അക്കൗണ്ടന്റ് ജനറൽ (എ & ഇ), കേരള, തിരുവനന്തപുരം.
 ധനകാര്യ വകുപ്പ്.
 പൊതുവിദ്യാഭ്യാസ വകുപ്പ്.
 ഉന്നതവിദ്യാഭ്യാസ വകുപ്പ്.
 ആരോഗ്യകുടുംബക്ഷേമ വകുപ്പ്.
 സ്റ്റോക്ക് ഫയൽ/ഓഫീസ് കോപ്പി.

പ്രൊഫഷണൽ ആന്റ് ജോബ് ഓറിയന്റഡ് കോഴ്സുകളുടെ പട്ടിക

1. എഞ്ചിനീയറിംഗ്/അനുബന്ധ കോഴ്സുകൾ
2. എം.ബി.ബി.എസ്.
3. ബി.ഡി.എസ്.
4. ബി.എ.എം.എസ്.
5. ബി.എച്ച്.എം.എസ്.
6. ബി.എസ്.എം.എസ്.
7. ബി.ഫാം./ഡി.ഫാം. (എല്ലാ വിഭാഗത്തിലും)
8. എല്ലാ മെഡിക്കൽ ബിരുദാനന്തരബിരുദ കോഴ്സുകൾ
9. എല്ലാ പാരാമെഡിക്കൽ കോഴ്സുകൾ
10. ബി.എസ്സി. നഴ്സിംഗ് (എല്ലാ വിഭാഗത്തിലും)
11. ബി.എസ്സി. (അഗ്രി) ആന്റ് എം.എസ്സി. (അഗ്രി)
12. ബി.വി.എസ്സി. ആന്റ് എം.വി.എസ്സി.
13. ബി.എഫ്.എസ്സി. ആന്റ് എം.എഫ്.എസ്സി.
14. പാരാ വെറ്ററിനറി കോഴ്സസ്
15. പാരാ അഗ്രി കോഴ്സസ്
16. പാരാ ഫിഷറീസ് കോഴ്സസ്
17. ഡയറി കോഴ്സസ്
18. എഞ്ചിനീയറിംഗ് പി.ജി. കോഴ്സസ്
19. കോ-ഓപ്പറേറ്റീവ് ട്രെയിനിംഗ് കോഴ്സസ്
20. ബി.എഡ്. ആന്റ് എം.എഡ്.
21. ബി.പി.എഡ്. ആന്റ് എം.പി.എഡ്.
22. ടി.ടി.സി. ആന്റ് പി.പി.ടി.ടി.സി.
23. എം.സി.എ., ബി.ബി.എ., ബി.സി.എ.
24. എം.ബി.എ.
25. എം.എസ്.ഡബ്ല്യു.
26. എൽഎൽ.ബി., എൽഎൽ.എം. ആന്റ് ബി.ജി.എൽ.
27. ജനറൽ നഴ്സിംഗ് കോഴ്സസ്
28. ബി.റ്റി.എ. ആന്റ് എം.റ്റി.എ.
29. ബി. എൽ. ഐ. എസ്., എം. എൽ. ഐ. എസ്., സി. എൽ. ഐ. എസ്. & ഡി.എൽ.ഐ.എസ്.

30. ഹോട്ടൽ മാനേജ്മെന്റ് കോഴ്സുകൾ
 31. എൻ.ഐ.എഫ്.റ്റി. കോഴ്സുകൾ
 32. എം.എഫ്.എ./ബി.എഫ്.എ. (ഫൈൻ ആർട്സ്)
 33. ഹൗസ് സർജൻസി
 34. കമ്പനി സെക്രട്ടറിഷിപ്പ്
 35. പൈലറ്റ് ആന്റ് എയർ ഹോസ്റ്റസ് പരിശീലനം
 36. ചാർട്ടേഡ് അക്കൗണ്ടൻസി/ഐ.സി.ഡബ്ല്യു.എ.
 37. മ്യൂസിക് കോഴ്സുകൾ
 38. ലാറ്ററൽ എൻട്രി സ്കീം പ്രകാരമുള്ള കോഴ്സുകൾ
 39. ഗവ. അംഗീകരിച്ച മറ്റ് സ്പെഷ്യൽ കോഴ്സുകളും ഇനി അംഗീകരിക്കാവുന്ന കോഴ്സുകളും.
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LIST OF STUDENTS AVAILING E-GRANTZ**2019-20**

SI No	Name	Course / Year	Category	Tuition Fees	Exam Fees	Special Fees
1	ANJANA DINESAN	MBA FT / I Year	SC	53,910	3,600	7,000
2	AISWARYA VIJAY	MBA FT / I Year	SC	53,910	3,600	7,000
3	SREESHNA P K	MBA FT / I Year	SC	53,910	3,600	7,000
4	CHINJU MAHESH	MBA FT / I Year	SC	53,910	3,600	7,000
5	GOPIKA T	MBA FT / I Year	SC	53,910	3,600	7,000
6	MEENU MUKUNDAN	MBA FT / I Year	SC	53,910	3,600	7,000
7	HARIKUMAR N S	MBA FT / I Year	SC	53,910	3,600	7,000
8	PRIYADARSHINI PRAKASAM	MBA FT / I Year	SC	53,910	3,600	7,000
9	DEVAKUMAR K M	MBA FT / I Year	SC	53,910	3,600	7,000
10	PRANAVE V N	MBA FT / I Year	SC	53,910	3,600	7,000
11	CHINCHU S VIJAYAN	MBA FT / I Year	SC	53,910	3,600	7,000
12	Arjun Manoj	MBA FT / I Year	SC	53,910	3,600	7,000
13	ANAMYA KALESH	MBA FT / I Year	SC	53,910	3,600	7,000
14	AMAL PRAKASH	MBA FT / II Year	SC	52,500	4,410	7,600
15	Amrutha R	MBA FT / II Year	SC	52,500	4,410	7,600
16	Sreevishnu	MBA FT / II Year	SC	52,500	4,410	7,600
17	Sruthy Chandran	MBA FT / II Year	SC	52,500	4,410	7,600
18	AAVANI SIVADASAN	MBA FT / II Year	SC	52,500	4,410	7,600
19	VIVEK M V	MBA FT / II Year	SC	52,500	4,410	7,600
20	SUVARNA K M	MBA FT / II Year	SC	52,500	4,410	7,600
21	NITHYA BALAN	MBA FT / II Year	SC	52,500	4,410	7,600
22	S R KRISHNAVENY	MBA FT / II Year	SC	52,500	4,410	7,600
23	VISHAL ANAND P	MBA FT / II Year	SC	52,500	4,410	7,600
24	KRISHAD N S	MBA FT / II Year	SC	52,500	4,410	7,600
25	ARUN J A	MBA PT / I Year	SC	37,890	2,400	6,380
26	PRANAV SHIV SURESH	MBA PT / I Year	SC	37,890	2,400	6,380
27	GREESHMA GIREESH	MBA PT / II Year	SC	36,480	2,400	7,282
28	RAHUL M C	MBA PT / II Year	SC	36,480	2,400	7,282
29	VISHNU T G	M. Phil. / I Year	SC	8,195	3,100	2,835
30	RAHUL P R	M. Phil. / I Year	SC	8,195	3,100	2,835
31	ASWATHY P P	MBA FT / I Year	ST	53,910	3,600	6,800
32	BLESSON BABU	MBA FT / I Year	ST	53,910	3,600	6,800
33	GOPIKA AJAYAN	MBA FT / II Year	ST	52,500	4,410	6,380
34	ANU ELSA GEORGE	MBA FT / II Year	ST	52,500	4,410	6,380
35	VIJITHA P	MBA FT / I Year	OEC	53,910	3,600	7,000
36	ASWATHY K S	MBA FT / I Year	OEC	53,910	3,600	7,000
37	JAYASREE K K	MBA FT / I Year	OEC	53,910	3,600	7,000
38	SIVASHANKAR S	MBA FT / I Year	OEC	53,910	3,600	7,000
39	SREESHMA PRAKASAN	MBA FT / I Year	OEC	53,910	3,600	7,000
40	SURAGI SUNDARAN C	MBA FT / I Year	OEC	53,910	3,600	7,000
41	SAVIO RENO RAJU	MBA FT / I Year	OEC	53,910	3,600	7,000
42	ABHIRAMI VENUGOPALAN	MBA FT / II Year	OEC	52,500	4,410	7,600
43	ATHIRA P V	MBA FT / II Year	OEC	52,500	4,410	7,600
44	AISWARYA K M	MBA FT / II Year	OEC	52,500	4,410	7,600
45	VARSHA P	MBA FT / II Year	OEC	52,500	4,410	7,600
46	PRAMADA PREMKUMAR K	MBA FT / II Year	OEC	52,500	4,410	7,600
47	ANIL P THOMSON	MBA FT / II Year	OEC	52,500	4,410	7,600
48	RAHUL PRADEEP	MBA PT / I Year	OEC	37,890	2,400	6,380
49	SURABHI RAVINDRAN	MBA PT / II Year	OEC	36,480	2,400	0
50	AKSHAY R	MBA FT / I Year	OBC(H)	53,910	3,600	7,000
51	HARITHA A M	MBA FT / I Year	OBC(H)	53,910	3,600	7,000
52	GOURI P	MBA FT / II Year	OBC(H)	52,500	4,410	7,600
53	RAHUL S M	MBA FT / II Year	OBC(H)	52,500	4,410	7,600
54	ATHIRA SYAM	MBA FT / II Year	OBC(H)	52,500	4,410	7,600
55	HARIPRIYA K HARSHAN	MBA PT / I Year	OBC(H)	37,890	2,400	6,380
56	GOVIND BABU	MBA PT / II Year	OBC(H)	36,480	2,400	0

LIST OF STUDENTS AVAILING E-GRANTZ

2020-21

SI No	Name	Course / Year	Category	Tuition Fees	Exam Fees	Special Fees
1	ASWATHY RAJU	MBA FT / I Year	SC	55,130	3,600	7,000
2	VIGNESH P M	MBA FT / I Year	SC	55,130	4,080	7,605
3	HARI PRASAD	MBA FT / I Year	SC	55,130	4,080	7,605
4	ADHITH BHASKARAN	MBA FT / I Year	SC	55,130	4,080	7,605
5	NANDAKISHORE V R	MBA FT / I Year	SC	55,130	4,080	7,605
6	ANGITHA M PRAKASH	MBA FT / I Year	SC	55,130	4,080	7,605
7	HARSHA P SIVAN	MBA FT / I Year	SC	55,130	4,080	7,605
8	AKHIL JOSHKUMAR P	MBA FT / I Year	SC	55,130	4,080	7,605
9	ANJANA DINESAN	MBA FT / II Year	SC	52,500	4,410	7,600
10	AISWARYA VIJAY	MBA FT / II Year	SC	52,500	4,410	7,600
11	SREESHNA P K	MBA FT / II Year	SC	52,500	4,410	7,600
12	CHINJU MAHESH	MBA FT / II Year	SC	52,500	4,410	7,600
13	GOPIKA T	MBA FT / II Year	SC	52,500	4,410	7,600
14	MEENU MUKUNDAN	MBA FT / II Year	SC	52,500	4,410	7,600
15	HARIKUMAR N S	MBA FT / II Year	SC	52,500	4,410	7,600
16	PRIYADARSHINI PRAKASAM	MBA FT / II Year	SC	52,500	4,410	7,600
17	DEVAKUMAR K M	MBA FT / II Year	SC	52,500	4,410	7,600
18	PRANAVE V N	MBA FT / II Year	SC	52,500	4,410	7,600
19	CHINCHU S VIJAYAN	MBA FT / II Year	SC	52,500	4,410	7,600
20	Arjun Manoj	MBA FT / II Year	SC	52,500	4,410	7,600
21	ANAMYA KALESH	MBA FT / II Year	SC	52,500	4,410	7,600
22	HARITHA P K	MBA PT / I Year	SC	38,310	2,550	7,605
23	ARUN KAILASAN	MBA PT / I Year	SC	38,310	2,550	7,605
24	ARUN J A	MBA PT / II Year	SC	36,480	2,400	7,282
25	PRANAV SHIV SURESH	MBA PT / II Year	SC	36,480	2,400	7,282
26	SOUMYA C	M. Phil. / I Year	SC	7,670	3,275	3,835
27	NEETHI MUKUNDAN K	M. Phil. / I Year	SC	7,670	3,275	3,835
28	NANDANA SATHEENDRAN	MBA FT / I Year	ST	55,130	4,080	7,605
29	PRABITHA P B	MBA FT / I Year	ST	55,130	4,080	7,605
30	ASWATHY P P	MBA FT / II Year	ST	52,500	4,410	6,380
31	BLESSON BABU	MBA FT / II Year	ST	52,500	4,410	6,380
32	ARYA V S	Ph. D. I Year	ST	3,840	6,805	0
33	ALBY M PAULOSE	MBA FT / I Year	OEC	55,130	4,080	7,605
34	RAKENDU M R	MBA FT / I Year	OEC	55,130	4,080	7,605
35	GOPIKA M R	MBA FT / I Year	OEC	55,130	4,080	7,605
36	BASIL M PAUL	MBA FT / I Year	OEC	55,130	4,080	7,605
37	NIVEDITHA A S	MBA FT / I Year	OEC	55,130	4,080	7,605
38	Sibin K S	MBA FT / I Year	OEC	55,130	4,080	7,605
39	Aathira Anil	MBA FT / I Year	OEC	55,130	4,080	7,605
40	VIJITHA P	MBA FT / II Year	OEC	52,500	4,410	7,600
41	ASWATHY K S	MBA FT / II Year	OEC	52,500	4,410	7,600
42	JAYASREE K K	MBA FT / II Year	OEC	52,500	4,410	7,600
43	SIVASHANKAR S	MBA FT / II Year	OEC	52,500	4,410	7,600
44	SREESHMA PRAKASAN	MBA FT / II Year	OEC	52,500	4,410	7,600
45	SURAGI SUNDARAN C	MBA FT / II Year	OEC	52,500	4,410	7,600
46	SAVIO RENO RAJU	MBA FT / II Year	OEC	52,500	4,410	7,600
47	Bharath S	MBA PT / I Year	OEC	38,310	2,550	7,605
48	RESHMA RAJESH	MBA PT / I Year	OEC	38,310	2,550	7,605
49	RAHUL PRADEEP	MBA PT / II Year	OEC	36,480	2,400	0
50	AMBILY M	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
51	N P ATHIRA	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
52	Nikhil K Satheesh	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
53	MIDHUNA K	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
54	AKSHAY R	MBA FT / II Year	OBC(H)	52,500	4,410	7,600
55	HARITHA A M	MBA FT / II Year	OBC(H)	52,500	4,410	7,600
56	Ajay G	MBA FT / II Year	OBC(H)	53,910	4,675	6,065
57	HARIPRIYA K HARSHAN	MBA FT / II Year	OBC(H)	36480	2400	0
58	PRAJITHA R	M. Phil. / I Year	OBC(H)	7670	3275	3835

LIST OF STUDENTS AVAILING E-GRANTZ**2021-22**

Sl No	Name	Course / Year	Category	Tuition Fees	Exam Fees	Special Fees
1	ANUKRISHNA V	MBA FT / I Year	SC	55,130	4,080	7,605
2	AKASH VILSON	MBA FT / I Year	SC	55,130	4,080	7,605
3	KRISHNA TM	MBA FT / I Year	SC	55,130	4,080	7,605
4	MANJIMA S	MBA FT / I Year	SC	55,130	4,080	7,605
5	AMMU K THAMPI	MBA FT / I Year	SC	55,130	4,080	7,605
6	SHOBICA P S	MBA FT / I Year	SC	55,130	4,080	7,605
7	AKSHAY G PAPPACHAN	MBA FT / I Year	SC	55,130	4,080	7,605
8	Sreeja S Babu	MBA FT / I Year	SC	55,130	4,080	7,605
9	Krishnanand s	MBA FT / I Year	SC	55,130	4,080	7,605
10	Amal babu k b	MBA FT / I Year	SC	55,130	4,080	7,605
11	sukanya lal v s	MBA FT / I Year	SC	55,130	4,080	7,605
12	ASWATHY RAJU	MBA FT / II Year	SC	55,130	4,675	7,275
13	VIGNESH P M	MBA FT / II Year	SC	55,130	4,675	7,275
14	HARI PRASAD	MBA FT / II Year	SC	55,130	4,675	7,275
15	NANDAKISHORE V R	MBA FT / II Year	SC	55,130	4,675	7,275
16	AMALJITH K	MBA FT / II Year	SC	55,130	4,675	7,275
17	ANGITHA M PRAKASH	MBA FT / II Year	SC	55,130	4,675	7,275
18	HARSHA P SIVAN	MBA FT / II Year	SC	55,130	4,675	7,275
19	AKHIL JOSHKUMAR P	MBA FT / II Year	SC	55,130	4,675	7,275
20	Malikaparambil Sadanandan Reshmi	MBA PT / I Year	SC	38,310	2,550	7,605
21	JISHNU MOHAN	MBA PT / I Year	SC	38,310	2,550	7,605
22	HARITHA P K	MBA PT / II Year	SC	38,310	2,550	7,275
23	ARUN KAILASAN	MBA PT / II Year	SC	38,310	2,550	7,275
24	AKSHAY MOHAN	MBA FT / I Year	ST	55,130	4,080	7,605
25	ASWATHI A	MBA FT / I Year	ST	55,130	4,080	7,605
26	ASWATHY M P	MBA FT / II Year	ST	55,130	4,080	7,605
27	NANDANA SATHEENDRAN	MBA FT / II Year	ST	55,130	4,675	7,275
28	PRABITHA P B	MBA FT / II Year	ST	55,130	4,675	7,275
29	SREELAKSHMI A S	MBA FT / I Year	OEC	55,130	4,080	7,605
30	ARJUN S DAS	MBA FT / I Year	OEC	55,130	4,080	7,605
31	ANJALI PRADEEP	MBA FT / I Year	OEC	55,130	4,080	7,605
32	Jayalakshmi P G	MBA FT / I Year	OEC	55,130	4,080	7,605
33	Sreeparvathy M S	MBA FT / I Year	OEC	55,130	4,080	7,605
34	T S Thomas	MBA FT / I Year	OEC	55,130	4,080	7,605
35	ALBY M PAULOSE	MBA FT / II Year	OEC	55,130	4,675	7,275
36	RAKENDU M R	MBA FT / II Year	OEC	55,130	4,675	7,275
37	GOPIKA M R	MBA FT / II Year	OEC	55,130	4,675	7,275
38	BASIL M PAUL	MBA FT / II Year	OEC	55,130	4,675	7,275
39	NIVEDITHA A S	MBA FT / II Year	OEC	55,130	4,675	7,275
40	Sibin K S	MBA FT / II Year	OEC	55,130	4,675	7,275
41	Aathira Anil	MBA FT / II Year	OEC	55,130	4,675	7,275
42	Neeraj M	MBA PT / I Year	OEC	55,130	4,080	7,605
43	Bharath S	MBA PT / II Year	OEC	38,310	2,550	7,275
44	RESHMA RAJESH	MBA PT / II Year	OEC	38,310	2,550	7,275
45	RAHUL R S	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
46	SREEHARI K	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
47	ANANTHU KRISHNA S	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
48	DHEERAJ K	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
49	Sreema M S	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
50	Varna C Murugan	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
51	ANANTHAKRISHNAN P RAMESH	MBA FT / I Year	OBC(H)	55,130	4,080	7,605
52	MIDHUNA K	MBA FT / II Year	OBC(H)	55,130	4,675	7,275
53	Gokul	MBA FT / II Year	OBC(H)	55,130	4,675	7,275
54	AMBILY M	MBA FT / II Year	OBC(H)	55,130	4,675	7,275
55	N P ATHIRA	MBA FT / II Year	OBC(H)	55,130	4,675	7,275
56	Nikhil K Satheesh	MBA FT / II Year	OBC(H)	55,130	4,675	7,275

SCHOOL OF MANAGEMENT STUDIES
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

The Fee details of MBA Full Time course (2021-23) is as follows:-

	I	II	III	IV
Tuition Fee	27565	27565	27565	27565
Stationery Fee	390	390	390	
Medical Inspection Fee	75		75	
Sports Fee	330		330	
University Union Fee	265		265	
Arts Fee	265		265	
Students Aid Fund	130		130	
Computer Fee	960	960	960	960
Course Material Fee	1285	1285	1285	1285
Exam Fee	2040	2040	1785	1275
Exam Application Fee	75	75	75	75
Fee for Mark list	130	130	130	130
Management Assn Fee	325		325	
Social Function Fee	130		130	
Co-Curricular Fee	130		130	
Library Fee	645		645	
Quasi university Fee	100		100	
Fee for Degree Certificate				1260
Project				1285
Fee for Provisional Certificate				330
Viva				330
Caution Deposit	1285			
Total	36125	32445	34585	34495

PTA contribution

1285(one time)

DDF contribution

2050(one time)

29.04.2022

Kochi



(Signature)

DIRECTOR

DIRECTOR

SCHOOL OF MANAGEMENT STUDIES

SCHOOL OF MANAGEMENT STUDIES
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
MBA PART TIME FEE STRUCTURE - 2020 ADMISSION

	I	II	III	IV	V	VI
Tuition Fee	19155	19155	19155	19155	19155	19155
Stationery Fee	390		390			390
Medical Inspection Fee	75		75			75
Sports Fee	330		330			330
University Union Fee	265		265			265
Arts Fee	265		265			265
Students Aid Fund	130		130			130
Computer Fee	960	960	960	960	960	960
Course Material Fee	1285	1285	1285	1285	1285	1285
Caution Deposit	1285					
Management Assn Fee	325		325			325
Social Function Fee	130		130			130
Co-Curricular Fee	130		130			130
Library Fee	645		645			645
Quasi university Fee	100		100			100
Sub Total	25470	21400	24185	21400	21400	24185
Fee for Marklist	130	130	130	130	130	130
Exam Application Fee	75	75	75	75	75	75
Exam Fee	1275	1275	1275	1275	1275	765
Matriculation Fee	330					
Viva						330
Project						1285
Total	27280	22880	25665	22880	22880	26770

PTA contribution

DDF contribution

KOCHI

10.12.2020



1285(one time)

2050(one time)

[Signature]
DIRECTOR DIRECTOR
 SCHOOL OF MANAGEMENT STUDIES

SCHOOL OF MANAGEMENT STUDIES
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

The Fee details of MBA Full Time course (2021-23) is as follows:-

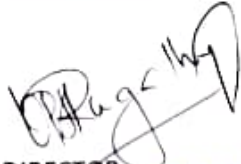
	I	II	III	IV
Tuition Fee	27565	27565	27565	27565
Stationery Fee	390	390	390	
Medical Inspection Fee	75		75	
Sports Fee	330		330	
University Union Fee	265		265	
Arts Fee	265		265	
Students Aid Fund	130		130	
Computer Fee	960	960	960	960
Course Material Fee	1285	1285	1285	1285
Exam Fee	2040	2040	1785	1275
Exam Application Fee	75	75	75	75
Fee for Mark list	130	130	130	130
Management Assn Fee	325		325	
Social Function Fee	130		130	
Co-Curricular Fee	130		130	
Library Fee	645		645	
Quasi university Fee	100		100	
Fee for Degree Certificate				1260
Project				1285
Fee for Provisional Certificate				330
Viva				330
Caution Deposit	1285			
Total	36125	32445	34585	34495

PTA contribution
DDF contribution

1285(one time)
2050(one time)

29.04.2022
Kochi




DIRECTOR DIRECTOR
 SCHOOL OF MANAGEMENT STUDIES

SCHOOL OF MANAGEMENT STUDIES
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
MBA PART TIME FEE STRUCTURE - 2020 ADMISSION

	I	II	III	IV	V	VI
Tuition Fee	19155	19155	19155	19155	19155	19155
Stationery Fee	390		390			390
Medical Inspection Fee	75		75			75
Sports Fee	330		330			330
University Union Fee	265		265			265
Arts Fee	265		265			265
Students Aid Fund	130		130			130
Computer Fee	960	960	960	960	960	960
Course Material Fee	1285	1285	1285	1285	1285	1285
Caution Deposit	1285					
Management Assn Fee	325		325			325
Social Function Fee	130		130			130
Co-Curricular Fee	130		130			130
Library Fee	645		645			645
Quasi university Fee	100		100			100
Sub Total	25470	21400	24185	21400	21400	24185
Fee for Marklist	130	130	130	130	130	130
Exam Application Fee	75	75	75	75	75	75
Exam Fee	1275	1275	1275	1275	1275	765
Matriculation Fee	330					
Viva						330
Project						1285
Total	27280	22880	25665	22880	22880	26770

PTA contribution

DDF contribution

KOCHI

10.12.2020



1285(one time)

2050(one time)

[Signature]
DIRECTOR DIRECTOR
 SCHOOL OF MANAGEMENT STUDIES

94
31/5/22

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
(Abstract)

Proposal to hike the fee for services provided from the Examination Wing -
Communication of the resolution of Syndicate - Sanctioned - Orders issued

OFFICE OF THE CONTROLLER OF EXAMINATIONS

No. CE/Examination Fee/2019

Dated, Thrikkakara, 30.05.2022

Read: Item No. 698.23 of the minutes of the meeting of the Syndicate held on
23.04.2022

ORDER

The Syndicate considered along with the recommendations of the Standing Committees of the Syndicate on Finance & Purchase and Examination Matters, the proposal to hike the fee for the services provided in the Examination Wing.

The Syndicate resolved to approve the proposal to hike the fee (as in Appendix) for the services provided in the Examination Wing in tune with the Government Orders.

Orders are issued communicating the resolution of the Syndicate.

All University Orders on fees structure issued earlier stand modified to this extent.

The date of effect of the fee revision will be **01.06.2022**.


DR. MEERA V
REGISTRAR

To

1. The Head of Departments/Schools/Sections/Centres
2. The Principal, School of Engineering
3. The Principal, Cochin University College of Engineering, Kuttanadu
4. Conference Section
5. Office of the DPR & P, CUSAT
6. PS to VC/PVC, PA to FO, PA to Registrar
7. JR (Exams)
8. JR/AR (Finance/Academic)
9. Joint Director, Kerala State Audit Department, CUSAT
10. DR (Exam I/II), AR (Exam I/II)
11. AR (Cash/Academic)
12. All Sections of Exam Wing/ARIS Lab
13. Cash/Audit A, B/Finance/Accounts I & II/IA & I
14. Day File/Stock File/File Copy

SMS

28	Cost of Application form for Photocopies of Answer Script	140
29	Photocopies of Answer Scripts/subject	810
30	Scheme and Key of valuation/subject	480
31	Mark awarded by the Examiner/paper	105
32	Mark awarded by the Examiner/paper (after revaluation)	105
33	Fee for External marks Improvement/paper	480
34	Consolidated Mark list	140
35	Fast Track Degree Certificate	1655
36	Issuing of Official Transcript & collecting directly from University in sealed cover	2685
37	Issuing of Official Transcript & despatching through Electronic Media	2685
38	Issuing of Official Transcript & despatching through Registered India Post	2685
39	Issuing of Official Transcript & despatching through Courier	4730
40	Attestation - Mark list per sheet	365
41	Attestation - Degree/Diploma Certificate	680
42	Attestation - Rank/Position Certificates	270
43	Migration Certificate (including Application Form fee)	270
44	Fee for CGPA/Marks to Percentage Conversion Certificate	210
45	Fee for re-despatch of Degree certificate	200
46	Issue of Position/Rank Certificate	270
47	Verification of Mark list/Degree Certificate	1750
48	Integrated Mark list (Single semester wise mark list in the case of prior to 2002 Admission candidates)	555
49	Confidential Mark list (to the Heads of Institutions before publication of results for the purpose of higher education / employment)	680
50	For every additional copy of the confidential mark list	350
51	Confidential Provisional Certificate list (to the Heads of Institutions before publication of results for the purpose of Employment)	480
52	Confidential Provisional Certificate list (to the Heads of Institutions before publication of results for the purpose of Education Purpose)	270
53	Readmission fee - UG Courses	1350
54	Readmission fee - PG Courses	2025
55	Fee for award of (D.Sc/D.Litt) (including cost of application, registration fee, despatch of Degree Certificate in convocation file)	2000
56	Fee for external Mini Project Evaluation	270
57	Fee for issuing duplicate hall tickets	210
58	Fee for considering application for recognition of change of name in the University records/documents	1350

EXAMINATION WING

5% Fees Revision of Examination Related Services w.e.f 01.06.2022

Sl. No	Particulars	Revised Fee
1	Cost of Application forms - Examination Registration	80
2	Cost of Application forms - Other than Examination Registration	140
3	Examination fee/paper both theory and practical (except M.Tech/MPhil/ME by research)	270
4	Fee for Project/Dissertation of UG Programs	680
5	Fee for Project/Dissertation of PG (except M.Tech/MPhil/ME by research)	1350
6	Fee for Viva Voce of UG Programs	270
7	Fee for Viva Voce of PG (except M.Tech/MPhil/ME by research)	350
8	Examination fee - M.Tech (FT/PT) Theory per paper	680
9	Examination fee - M.Tech (FT/PT) Thesis/Project	1685
10	Examination fee - M.Phil Theory per paper	680
11	Examination fee - M.Phil Thesis/Dissertation	2025
12	Examination fee - ME by research for Qualifying Exam	680
13	M.Tech (Marine Engineering) Exam fee I & II Semester	5110
14	M.Tech (Marine Engineering) Exam fee III Semester	1605
15	M.Tech (Marine Engineering) Exam fee IV Semester	1925
16	Subsequent appearance including Supplementary Examinations per paper except M.Tech Course	270
17	M.Tech Supplementary Exam Fee	680
18	Special Supplementary (per paper)	610
19	For availing the One Time Special Chance/Mercy Chance after the stipulated time to pass the Course	4200
20	Mark list per Semester- Original	140
21	Mark list per Semester-Duplicate	680
22	Mark list per Semester- Triplicate	790
23	Revaluation /paper	480
24	Scrutiny/paper	170
25	Degree Certificate (including Application form fee, Convocation file)	1325
26	Diploma Certificates (including Application form fee, Convocation file)	995
27	Provisional Certificate (including Application form fee)	350

Search Fee		
I	<i>For issuing a Marklist/duplicate Marklist/Triplicate Marklist of a semester exam</i>	
	(i) Two years after the exam	680
	(ii) Ten years after the exam	1350
	(iii) Twenty years or more after the exam	2685
II	<i>Fee for considering late applications of Degree/Diplomas</i>	
	(i) After two year but before the expiry of 5 years from the year of passing	680
	(ii) After five years	1350
III	<i>For obtaining each certificate from exam wing other than Degree /Diploma/Certificate/Mark list*</i>	
	(i) After one year up to five year	350
	(ii) Five years after the exam	680
	(iii) Ten years after the exam	1350
	(iv) Twenty or more years after the exam	2025
*Search Fee will be collected for each and every certificate issued from the University except for Integrated Mark list/Verification of Mark list/Degree Certificate /Attestation of the Certificates		

Fine for Late Application		
(i)	for registration as Matriculate	350
(ii)	for recognition of exams	210
(iii)	for Examinations Registrations	210
	(a) and thereafter fine for each day (per day)	20
	(b) Superfine in addition to fine in exceptional cases with the recommendation of the Principal (But only up to 10 days before the commencement of the exam)	680

59	Fee for early publication of the result based on the marks scored on Internal Improvement	6085
60	Fee for Internal Improvement for all courses except B.Tech Marine Engineering (per paper)	2685
61	Fee for Internal Improvement of B.Tech Marine Engineering (per paper)	3480
62	Recognition fee from students of recognized institutions to be collected along with exam fee – per semester	1350
63	Examination fee for Diploma Course	545
64	Examination fee for Certificate Course	350
65	Condonation of shortage of attendance – Shortage of 5 %	1350
66	Condonation of shortage of attendance – Shortage of 10 %	2560
67	Fee for Duplicate Migration Certificate	400
68	Fee for issuance of fresh Degree Certificate on surrender of tampered Degree Certificate	1325
69	Fee for issuance of back log summary certificate	1110
70	Fee for supplying statement of marks	1655
71	Fee for Convocation file	310
72	Fee for Certificate of eligibility (Ph.D Course Work Programme)	645
73	Fee for evaluation of Ph.D Thesis including application form fee	3490
74	Fee for Ph.D related Certificates (other than Degree/Provisional Certificates)	210
75	Fee for evaluation – D.Sc/D.Litt/LLD	13410
76	Fee for registration as Matriculate (including Application form fee)	350
77	Fee for recognition of Degree/Diploma of other Universities/Bodies (including Application form fee)	350
78	Fee for recognition of Degree/ Diploma of other Universities/Bodies (if applied after course completion)	555
79	Fee for Duplicate Degree Certificate	1325
80	Fee for Bonafide Certificate	210
81	Fee for Bonafide Certificate(exclusively issued to Qatar Embassy)	680
82	Fee for applying for Cancellation of Examination	2025
83	Fee for issuing customised certificates (in the format as submitted by the students)	1575
84	Fee for issuing the certificate stating the Medium of Instruction	210
85	Fee for issuing certificates not mentioned elsewhere	210
86	Fee for issuing Course Cancellation Certificate	1500

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(Abstract)

Revision of fees, 2022 Admissions - Resolution of the Syndicate - Communicated - Orders issued.

ACADEMIC A SECTION

No.CUSAT/AC(A).A4/679/2022

Dated,KOCHI-22.06.02.2022

Read:- 1. Agenda Item No. 695.27 of the Minutes of the Meeting of the Syndicate held on 28.01.2022.

ORDER

The Syndicate at its Meeting held on 28.01.2022, vide the Agenda Item read above, considered along with the recommendations of the Standing Committee of the Syndicate on Academic Matters and Finance and Purchase, the proposal for 5% hike in various fees in the University.

The Syndicate resolved to effect 5% hike in various fees in the University (**Appendix IV**).

The Syndicate also resolved that all revisions in fee should be effective from 2022 admission onwards.

Orders are issued accordingly, communicating the resolution of the Syndicate.

Dr. Meera V *
Registrar

To:

1. The Heads/Directors/Principals of all Departments/Schools/Colleges/Centres of the University/Recognized Institutions
2. The FO/Joint Director, KSAD
3. The CE/Director, DoA/Director, CIRM - for information and necessary action (Publication in Website)/PDO/Directorate, Public Relations and Publication.
4. All JRs/DRs/ARs/All Sections in the Exam Wing
5. PS to VC/PS to PVC/PA to Registrar/PA to CE/PA to FO
6. Finance/Audit/Cash/IA&I/Conference/Academic 'B' and 'C' /DoA/UGC (S) for SC/ST Cell Sections
7. The Director, CAPE, 10/4, Co-Bank Towers, Vikas Bhavan, Thiruvananthapuram -33
8. Day file/File copy/Stock file.

* This is a computer generated document. Hence no signature is required.

(I) FEES COLLECTED AT THE TIME OF ADMISSION / ODD SEMESTERS (Common Fee) (2022 Admission)

<u>(i) Fee for Extra Curricular Activities (Annual) every odd semester</u>	910
<u>Breakup</u>	
University Union Fee	280
Sports Fee	350
Arts	280
<u>(ii) Miscellaneous Fees (Annual) every odd semester</u>	1165(B.Tech Marine Engg)/980 (Others)
<u>Breakup</u>	
Medical Inspection Fee (Marine Engineering)	265
Medical Inspection Fee (other courses) (except Marine Engineering Course)	80
Students Aid Fund	140
Quasi Fee	210
Co-Curricular fees (at the time of Admission/Odd semester)	140
Stationery Fees (other than B.Tech Marine Engg)	410
<u>(iii) PTA (at the time of admission)</u>	
(a) PG	1350
(b) UG	2025
(c) SOE/CUCEK	2900
<u>(iv) Caution Deposit (All programmes including Certificate/ Diploma Courses(Except Ph.D)</u>	1350
<u>(v) CDF - For B.Voc Business Process and Data Analytics (at the time of admission)</u>	1105
<u>(vi) CDF - For M.Voc Course</u>	2325
<u>(vii) CDF - Executive PGD Programmes</u>	1050

[illegible]

49	M.Tech Civil Engineering (Geotechnical Engineering)	31,500	350	545															
50	M.Tech Mechanical Engineering (Thermal Engineering)	31,500	350	545															
51	M.Tech Software Systems	31,500	350	545															
52	M.Tech Electronics & Communication Engineering with Specialization in Wireless Technology	31,500	350	545															
53	M.Tech Industrial Safety (Specialization in Health, Safety and Environment Management)	31,500	350	545															
54	M.Tech Computer Science & Engineering with Specialization in Network Computing	31,500	350	545															
55	M.Tech (Full Time) programme in Civil Engineering (Specialisation - Structural Engineering)	31,500	350	545															
56	M.Tech (PT) Computer Science & Engineering (Data Science and Artificial Intelligence)	32415	330	1165															
57	M.Tech (Part-Time) Courses - Computer Science with specialization in Embedded system	34040	350	1220															
58	M.Tech (Part-Time) Chemical /Civil /Mechanical Engineering	31500	330	515															
59	M.Tech. (Part-Time) Electrical and Electronics Engineering	31500	330	0															
60	Master of Computer Applications (MCA) Regular/Lateral Entry	10725	210	545															
61	MCA /MCA (Lateral Entry) Cost sharing	31915	210	545															
62	Master of Business Administration (Regular)	28945	680	0	345							1350	1010	140					
63	Master of Business Administration (Part-Time) Experienced	26815	680	0	345							1350	1010	140					
	Master of Business Administration (Part-Time) Non-Experienced	20115	680	0	345							1350	1010	140					
64	Five Year BBA LL.B/B Com LL.B (Hons) Courses (Cost sharing)	25535	405	0													210		
65	Three year LL.B (Evening Course)	33515	405	0													210		
66	LLM Two year	12500	740	0													210		
67	LLM(IP)/Ph.D., LL.M. (IPR), Ph.D./P.G Diploma in Intellectual Property Rights	31915	1285	0															
68	Two year LL.M (IPR)	57885	1160	0													210		
69	M.Voc in Technology & Management Consulting Course	21000	645	0								1285	960	130			325		
70	M.Voc in Mobile Phone Application Development Course	21000	645	0								1285	960	130			325		

[illegible]

Short Term Courses conducted from the various Department

Sl.No.	Name of the Course	Fees at the time of Admission
1	Diploma in Communicative Hindi	5515
2	IELTS Programme	7720
3	Short term Course in Computer Aided Drafting and Design	
	(i) General Candidates	11025
	(ii) CUSAT Students	8820
4	Short term Training Programme on Industrial Automation and Measurements	11025
5	Short term course in Chinese	10500
6	Short term Computer Aided Language Training in Hindi (6 weeks)	3150
7	Short term Course in Arabic	6615

Note:-

The existing rate shall continue for the fees that are not figured in this list.

(III) FEES STRUCTURE -4-Year B.Tech . Marine Engineering Degree (2022 Admission)

1. Fees

A	State Merit	All India Merit
Admission fee – (at the time of admission)	13,405	20,115
University Fee (at the time of admission)	1,285	12,760
Caution deposit + (at the time of admission)*	6,705	6,705
Orientation fee (at the time of admission)	6,705	6,705
Tuition fee (per semester)	73,715	107,210
Hostel, Activities and other Amenities charges (per semester)	16,085	16,085
Library Fee	210	210
CUBSA – (per year)	80	80

* On admission only. Refundable on completion of the programme.

For NRI Quota additional non refundable deposit of Indian Rupee equivalent to US \$ 5,000 -

2. Living expenses

Personal discretionary expenditure varies by individual and is therefore not included.

Item	Semester	Fees
*Mess caution deposit	-	6,705
Uniform cost (applicable only to odd semesters)	I & II	16,760
	III, V & VII	5,100
Books	Per year	6,705
Stationery and drawing instruments	-	1,350
Laundry charges	I & II	4,030
	III to VIII	2,025

* On admission only Refundable on completion of the programme

3. Laboratory fees

Semester	Fees
I & II	1,350
III to VIII	675

4. Other Charges

Charges for telephone calls, medical expenses, and educational excursion trips etc. will be charged as per actual. Personal discretionary expenditure is the responsibility of each student. An advance for all estimated expenses during the semester shall be payable before the commencement of each semester.

5. Payment of fees

First and second semester fees are required to be paid at the time of admission and all other semester fees are required to be paid at the beginning of each semester. The University may take necessary action if payment is delayed.

(IV) FEE FOR Ph.D. SCHOLARS

(Not linked with the year of admission) with effect from .01.04.2022.

Sl. No.	Particulars	Amount in (₹)
1	Change of (a) Research Centre	2680
	(b) Topic of Research	1350
2	Caution Deposit	2685
3	Extension for Registration Fee for Six Months	1220
4	Extension for Registration Fee for One year	3650
5	Extension for thesis submission after synopsis submission Upto 6 months	3040
	Upto 1 Year	7295
6	Fees for Ph.D Course Work (per paper)	1010
7	Fee for Ph.D Course Work Certificate	645
8	Annual recognition fee (Academic support fees)	24315
9	Fixing a fine for each for condoning the delay in requesting for extension of Ph.D . Registration, Re-registration due to default in payment of semester fees and Re-registration due to shortage of attendance	5250
10	Special Registration fee for extension beyond 10 years	12160

(V) Fee FOR Ph.D. SCHOLARS

Sl.No	Particulars	2017 Admn	2018 & 2019Admn	2020 & 2021 Admn	2022 Admn
1	Application fee for Registration to be accompanied along with the application	610	610	645	680
2	Admission Fee	2430	2430	2555	2685
3	Fine for late payment of semester fee by the Research Scholars - after the 5th working day till month end	120	120	130	140
4	Library fee for Full- Time and Part-Time Scholars working in the				
	(a) University Departments under the Faculties of Social Sciences, Humanities and Law	915	915	960	1010
	(b) University , Departments under the faculties of Science, Marine Science, Technology Environmental Studies and Engineering along with Laboratory fee	1830	1830	1925	2025
	(c) Recognized Institutions in all faculties	1220	1220	1285	1350
5	Fee for extension of time for submission of thesis				
	a. Up to six months	2430	2430	2555	2685
	b. Beyond six months	6080	6080	6385	6705
6	Conversion of Ph.D. Registration from Full-Time to Part -Time and Vice versa	1220	1220	1285	1350
7	Readmission fee				
	a) in cases where default in payment of semester fees upto 30 days	1220	1220	1285	1350
	b) for delays exceeding 30 days but below 61 days for payment of semester fees	1525	1525	1605	1685
8	Re-registration fee in case where the delay in payment of semester fees exceeds 61 days	2430	2430	2555	2685
9	Recognition as Research Guide				
	Registration fee for application (for Recognition as Research Guide other than University Employees	6080	6080	6385	6705

**(VI) FEE STRUCTURE OF VARIOUS COURSES OFFERED BY
NAVAL SCHOOLS**

Name of the Course		Fees
M.Tech	-	33435
M.Sc.	-	12160
B.Sc./PG Diploma	-	7300
Post Diploma	-	6080
M.Phil (Navy Course)	-	10500
Certificate/Diploma	-	3655

OTHER FEES

Matriculation Fee (including Application form fee)	-	350
Recognition Fee (including Application form fee)	-	350
Registration Fee (including Application form fee)	-	275
Provisional Certificate Fee (including Application form fee)	-	350
Migration Fee (including Application Form fee)	-	270
Mark list Fee	-	140
Degree Certificate (including Application form fee, Convocation file)	-	1325
Diploma Certificates (including Application form fee, Convocation file)	-	995

(VII) FEES RELATED TO RECOGNIZED INSTITUTIONS

(Not linked with the year of admission) with effect from 01.04.2022

1	Recognition of Institutions/Courses		
	(a) Application fee for seeking recognition to new Institutions	:	13,405
	(b) Fee payable for sending Inspection committee for granting recognition to educational Institutions – per inspection	:	20,115
	(c) For granting recognition to educational institutions – per year	:	
	i. Institutions conducting only UG Programmes	:	1,340,095
	ii. Institutions conducting only PG Programmes	:	1,340,095
	iii. Academic Support Fee (Ph.D) for Institutions conducting only Research	:	402,035
	iv. Institutions conducting both UG & PG Programmes	:	2,010,155
	v. Institutions conducting UG, PG & Research Programmes	:	2,144,155
	vi. PG & Research only	:	1,474,115
	(d) Fee for starting new Courses in the Recognized Institutions per Course		
2	1. Under Graduate	:	13405
	2. Post graduate	:	26810
New institutions taking recognition in University are required to deposit a refundable security deposit of 25 lakhs towards guarantee to comply with instructions of the University regarding recognition. The same be effected for existing institutions as and when they apply for new Courses by charging them a security deposit of 10 lakhs per course subject to a maximum of 25 lakhs per Institution.			

(VIII) OTHER ITEMS

Sl. No.	Particulars	2017 Admn.	2018 & 2019 Admn	2020 & 2021 Admn	2022 Admn
1	Fine for delayed payment of semester fees :	70 for 10 days after due date and 610 for the next 20 days	70 for 10 days after due date and 610 for the next 20 days	75 for 10 days after due date and 640 for the next 20 Days	80 for 10 days after due date and 675 for the next 20 Days

(IX) Not linked with the year of admission, w.e.f. 01.04.2022

1	Fee for availing special chance to write examination after the expiry of the stipulated period as per regulations :	4030 per paper (subject to a maximum of Rs. 13405 per semester)			
2	Fee for Equivalency Certificate				
	(i) for the degree awarded by CUSAT :	1350			
	(ii) for other degree :	6705			
3	Fee for issuing recognition certificate to a candidate who has passed the qualifying examination from a University / Board outside Kerala State and who is seeking admission to a course of study /employment in the University :	675			
4	Fee for issuing certified extracts from the register of records of the University :	405			
5	Fee for issuing certificate or true copy of syllabus of a course of study or other documents with the seal of the University and signature of Registrar - for each copy :	2025			
6	College Transfer/Branch Change :	1350			
7	Fine for processing application for Inter Collegiate Transfer/ Branch change from students of B.Tech. Courses received after the last date :	1220			
8	Admission fee- M.Phil Life Science/Mphil Fisheries Science :	1010			
9	Registration Fee - Marine Ecology /M.Phil Fisheries Science :	350			

10	Fee for CIPET students - per student/ per semester				
	(a) Semester Registration fee for the M.Sc. /M.Tech programme	:	10060		
	(b) Semester Registration for the Ph.D programme	:	13405		
11	Fee for except Bonafide Certificate issued from Exam wing				
	(i) UG Courses	:	55		
	(ii) PG Courses/Ph.D.	:	105		
12	Duplicate Student Id Cards	:	110		

(X) Fee structure of M.Tech Marine Biotechnology

As per the U.O.No. CUSAT/AC(A)/A4/2618/2020 dated 10.11.2020 the Syndicate has resolved that the proposal of the Director, NCAAH to approve the fee structure proposed to the Department of Biotechnology, Govt of India. As per the mandatory terms and conditions, for fee structure : University Institute should not charge the fee more than Rs.50,000/- (Upper limit) for 2 years degree program.

Sl.No	Semester	Fee Structure (Provide the break up of Fee Heads)	(in Rs)
1	Semester I	Tuition Fee	10,000/-
		Library Fee	310/-
		Laboratory Fee	490/-
		Stationery Fee	365/-
		Caution Deposit - Lab	610/-
		Caution Deposit - Library	610/-
		University Union Fee	250/-
		Students Aid Fund	120/-
		Sports Fee	310/-
		Medical Inspection Fee	70/-
		Quasi University Fee	190/-
		Matriculation Fee	190/-
		Recognition Fee	190/-
		Parent Teacher's Association Fee	1,220/-
		Arts and Cultural Activity Fees	250/-
		Co-Curricular Aactivity Fee	120/-
		Total Fees	15,295/-
			10,000/-
2	Semestr - II	Tuition Fee	310/-
		Library Fee	490/-
		Laboratory Fee	95/-
		Quasi University Fee	10,895/-
		Total Fees	
3	Semester - III	Tuition Fee	10,000/-
		Library Fee	310/-
		Laboratory Fee	490/-
		Stationery Fee	365/-
		University Union Fee	250/-
		Students Aid Fund	120/-
		Sports Fee	310/-
		Medical Inspection Fee	70/-
		Quasi University Fee	95/-
		Arts and Cultural Activity Fees	250/-
		Co-Curricular Aactivity Fee	120/-
		Total Fees	12,380/-
			10,000/-
4	Semster - IV	Tuition Fee	310/-
		Library Fee	490/-
		Laboratory Fee	95/-
		Quasi University Fee	10,895/-
		Total Fees	
		Grand Total	49,465/-

Social Media Cell

School of Management Studies, Cochin University of Science and Technology has an active presence on multiple social media platforms including Instagram, Facebook, and LinkedIn. Social media cell regularly posts all major updates regarding events and news happening on and around the campus on the social media accounts.

School of Management Studies, Cochin University of Science and Technology has 3.3K plus followers on Facebook, 1.2K plus followers on Instagram, and 491 followers on LinkedIn. We also maintain an active YouTube channel.

Following are the links to official social media pages of School of Management Studies, Cochin University of Science and Technology.

Facebook: <https://www.facebook.com/smscusat1964/>

Instagram: https://instagram.com/sms_cusat?igshid=YmMyMTA2M2Y=

LinkedIn: <https://www.linkedin.com/company/school-of-management-studies-cusat/>

YouTube: <https://www.youtube.com/channel/UCrqfFdj08Nvii8Bth2j9Gxg>

Compliance of National Academic Depository (NAD), applicable to MBA Institutions and University Departments.

Enrolment details of students in the last 3years

MBA		
Sl. No.	Batch	Number of Admissions
1	MBA FT 2019-21	123
2	MBA PT 2019-22	30
3	MBA FT 2020-22	138
4	MBA PT 2020-23	31
5	MBA FT 2021-23	138
6	MBA PT 2021-24	30

Ph.D.		
Sl. No.	Batch	Number of Admissions
1	Ph.D. 2019-20 Admission	12
2	Ph.D. 2020-21 Admission	12
3	Ph.D. 2021-22 Admission	14

Placement Summery

Sl. No.	Year	No. of Placements
1	2016-17	78
2	2017-18	82
3	2018-19	93
4	2019-20	83
5	2020-21	85
6	2021-22	101

Research Projects/ Consultancy Works				
Name of the consultant	Name of consultancy project	Consulting/Sponsoring agency with contact details	Year	Revenue generated (INR in Lakhs)
Dr. M.Bhasi, Professor, School of Management Studies	Framing Family Business Constitution	MIDAS RUBBER LTD	2020	2.00
Dr. V.P Jagathi Raj, Professor, School of Management Studies	Development of marketing strategies for hydrogen peroxide	Hindustan Organic Chemicals	2020	5.00
Dr. V.P Jagathi Raj, Professor, School of Management Studies	Socio-economic impact of road accident victims	Department of Social Justice, Government of Kerala	2019	13.75
(1) Dr. V.P Jagathi Raj, Professor, School of Management Studies (2) Dr. Renjini D., Associate Professor, School of Management Studies (3) Dr. M. Rakesh Krishnan, Assistant Professor, School of Management Studies (4) Dr. Remya Ramachandran, Assistant Professor, School of Management Studies (5) Dr. Sangeetha K Prathap, Assistant Professor, School of Management Studies	Impact Assessment of CSR Project- 'ANANTHAKRIPA'	Cochin Shipyard Limited, Ministry of Ports, Shipping and Waterways, Govt. of India	2022	2.00

Training/Industry Linkage				
Names of the teacher-consultants/corporate trainers	Title of the corporate training program	Agency seeking training with contact details	Year	Revenue generated (INR in Lakhs)
Dr. Manu Melwin Joy	Socio-economic impact of road	Seamless Travel Technologies, Trivand	2021	6.00
Dr. Sangeetha K Prathap	Entrepreneurship Development	BPCL	2019	9.25

Memorandum of understanding						
Sl. No.	Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
1	School of Management Studies	University of Maribor, Slovenia	2020	3 months	Mobility of the higher education teachers of University of Maribor	Bostjan Brumen
2	School of Management Studies	National University of Advanced Legal Studies (NUALS)	2021	3 years	Gamifying the 5 Year LLB Curriculum	Dr.Manu Melwin Joy

Criteria 6- Status of Accreditation of the Courses

Total number of Courses:

- Two courses
 1. MBA (Full-time)
 2. MBA (Part-time)
- **No. of Courses for which applied for Accreditation:** Two
- **Status of Accreditation:** Preliminary/ Applied for SAR and results awaited
- For each Programme the following details are to be given:

		2021-22	2020-21	2019-20
Name of Course		MBA (Full Time)		
Number of seats		148		
Duration		2 years		
Fee in Rs.		1,37,650/-	1,37,650/-	1,37,650
Placement Facilities		1. Conference hall 2. Interview hall 3. Mini conference room 4. Lab facility for conducting online exam 5. Computer Lab		
Campus Placement				
1	Number of placed students	101	85	74
2	Minimum salary	3.5 L	3.0 L	3.2 L
3	Maximum salary	10 L	10.45 L	7.3 L
4	Average salary	5.88 L	5.27 L	5.08 L
Name of Course		MBA (Part Time)		
Number of seats		37		
Duration		3 Years		
Fee in Rs.		1,48,355/-	1,48,355/-	1,48,355/-

Placement Facilities	1. Conference hall 2. Interview hall 3. Mini conference room 4. Lab facility for conducting online exam 5. Computer Lab
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- **Campus placement in last three years with minimum salary, maximum salary and average salary:**

Please see drive link for further details:

https://docs.google.com/spreadsheets/d/1oyiav6GE1LM_fj_XXWfnQDhebHhTp1fx/edit?usp=sharing&ouid=115561846933451514931&rtpof=true&sd=true

- **Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details: NIL**

- Other Foreign Collaboration: 3-month visiting professor details:

- **Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country:**

NIL

Placement Facilities

BUILDINGS: With seven ICT-equipped classrooms, fully air-conditioned placement rooms, a full-fledged computer lab, library, and Ph.D. scholar rooms, the infrastructural facilities at the School of Management Studies completely satisfies the student needs and has made provisions for the expansion. School of Management Studies buildings are Wi-Fi enabled with complete CCTV surveillance.

PLACEMENT ROOMS: Meeting room to conduct GD and PI rounds. Recreational room for recruiters.

HALL OF FAME: State-of-the-art infrastructure can accommodate a head count of 90 and facilitate meetings and discussions.

COMPUTER CENTER CUSAT: The computer centre facilitates computer labs & network support for the students. The School of Management Studies computer lab is well-equipped, with the latest software and facilities exclusively for SMSians, and connected to the internet through 150 Mbps and 1 Gbps dedicated university gateway.

- **Course/Branch wise list Faculty members**
 - **Courses offered:** MBA (Full-Time) and MBA (Part-Time)
- **Permanent Faculty:** 20
 - <https://sms.cusat.ac.in/directory.php>
- **Adjunct Faculty:** NIL
- **Permanent Faculty:** Student Ratio: 20:348 = 0.057
- **Number of Faculty employed and left during the last three years:** 2

Information of Infrastructure and Other Resources Available

- Number of Class Rooms and size of each
 Under Graduate - 65 and Size - 7156.25 sqm
 Post Graduate - 36 and Size - 2004.73 sqm
- Number of Tutorial rooms
 Under Graduate: Tutorial rooms - 03 and size - 8,619.31 sqm
 Post Graduate: Tutorial rooms - 05 and size - 5575.81 sqm
- Number of Laboratories and size of each
 Under Graduate: Laboratories - 06 and size - 25,703.02 sqm
 Post Graduate: Laboratories - 05 and Size - 26,934.80 sqm
- Number of Drawing Halls with capacity of each
 Drawing Hall – 01 and size - 817.52 sqm
- Number of Computer Centres with capacity of each
 Computer Centre -01 and Capacity – 825 sqm
- Central Examination Facility, Number of rooms and capacity of each
 Under Graduate - 65 and Size - 7156.25 sqm
 Post Graduate - 36 and Size - 2004.73 sqm
- Online examination facility (Number of Nodes, Internet bandwidth, etc.) - Exam Pad
- Barrier Free Built Environment for disabled and elderly persons -YES

Extra-Curricular Activities

The department engages in following Extra-Curricular Activities:-

1. Nature Club

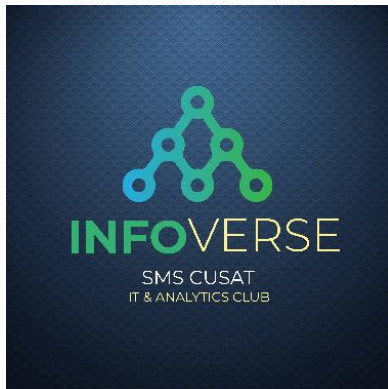
The Nature Club's mission is to raise student understanding about the importance of environmental preservation. Students will be able to learn about the local flora and animals.

The club's major goal is to raise awareness about current environmental challenges. The team is working tirelessly to raise public knowledge about nature's gifts, organise activities to raise pollution awareness, and aggressively seek ways to reduce pollution. Our partnerships with the local population to protect and conserve nature have been extremely fruitful.



2. Infoverse

This club started its journey in November 2021 by a bunch of enthusiastic youngsters with the intention to educate stakeholders about various tools and products related to IT and Analytics in desired specialization domains. Through a democratic vote the club was rebranded as INFOVERSE. In INFOVERSE, they wish to give their fellow students an orientation on various IT related topics and help them in using various analytical software which can help their fellow students in the future through their specialization and later in their career. As you may know Covid-19 has forced industries to digitize their work and work from home being the new norm. As the next managers and entrepreneurs, they have to be prepared for this transition. With the recent rise in web 3.0 and industrial revolution 4.0, the students of School of Management Studies (CUSAT), as one of the best MBA colleges in Kerala decided that they have to adapt themselves according to the times and strike while the iron is hot.



3. The Redefine Club

The Redefine Club is a place for people who love reading, and get excited while talking about books. It is a place for expression, where book lovers can get together, relax and talk about books and arts.



4. HR Club

The HR Club of CUSAT is named People's Hub and has been functioning since early 2022 for SMS students whose interests lie in Human Resource Development. The purpose of HR club activity is to bring together the students who are interested in the field of Human Resources Management and help them develop intrapersonal and interpersonal skills needed to survive in the corporate jungle. The club aims at becoming an incubation space for future leaders through fun, education and synergic networking. The main aims of this club include providing members with opportunities to:

- Gain experience in the domain of HRM through games, simulations etc
- Network with HR professionals
- Learn from the learned



5. Finance Club

The Finance Club was launched as an effort to educate interested others about the fun side of finance. It is an effort to educate ourselves and others about various tools and products and studies related to finance. We have organised various events regarding the domains of finance, that includes talks on Cryptocurrency, Union Budget, Investments in various securities markets. The club also promotes initiatives from its members to organise discussions and a platform for sharing knowledge. The club is guided by our faculty coordinator Dr. Santhosh Kumar S.



7. Entrepreneur Club



8. OPERATIONS AND INTERNATIONAL BUSINESS CLUB

The Operations and IB club aspires to provide practically useful information on operations, supply chain, logistics, and international trade concepts through summits, guest lectures, industrial visits, various live projects, quizzes, and simulation games. The Club's mission is to provide a forum for students interested in international business to meet and network with professionals in the sector, which is extremely important. This is a fairly large free and open social club for students. Throughout the semester, the club hosts a wide range of networking activities and meetings. In general, themed subjects and educational workshops provide unique insights into life as seen through a student perspective. In a subtle way, the goal is to comprehend and increase students' interest in several disciplines of operation and supply chain management. The group strives to close the gap between classroom learning and practical application.

9. Talentime



10. Sargam



Games and Sports Facilities

The department have the following games and sports facilities:-

1. Basketball Court



2. Volley Ball Court



3. Badminton Court



4. Table Tennis



Optimized by www.ImageOptimizer.net

5. Cricket Ground



6. Football Ground



Computing Facilities

Internet Bandwidth

Institute is having the 250 MBPS [1:1] Internet connectivity which is available through both media – on Fiber Optic Cable as well as through RF connectivity. Secured Internet connection is distributed in campus through Sonicwall Firewall. 250 MBPS connection is Subscribed from ISP – Gazon Communication India Ltd. Pune.

Besides the above 250 MBPS connection Institute also having 40 MBPS connectivity for the Girls Hostel premises separately. This 40 MBPS connection is Subscribed from ISP – Gazon Communication India Ltd., Pune.

Internet connection is available in all the Laboratories and on the all Computer Systems. Internet access either allowed or blocked as per the requirement in the Laboratories.

Separate Computer Center is available for the Students for browsing the Internet which remains open on all weekdays except the holiday.

Monday to Friday: 8:30 AM to 8:30 PM

Saturday & Sunday: 9:00 AM to 5:00 PM

250 MBPS Internet access is available at Boys Hostel in the Campus after 5:00 PM to 8:30 AM on all working days. (After working Hours of the Institute Internet Access is provided for the Hostel Students). Students have internet access for 24 hours on Saturday and Sunday.

Number and configuration of System:

Summary of Computers in detail – Processor Configuration wise

Sr. No.	Computer Desktops / Laptops With i7 Processor.	Computer Desktops / Laptops With i5 Processor.	Computer Desktops / Laptops With i3 Processor.	Computers with Dual Core Processor / Core 2 Duo / Quad Core Processor	Total Count
1	298	169	69	676	1212
2	IBM Servers Xeon Processor based				18

Total number of system connected by LAN

All the Systems in the Campus are on Local Area Network.

Total number of system connected by WAN

MITAOE, Alandi Campus is having WIFI connectivity, implemented with Cisco WIFI Controller Units and Cisco Access Points. Most of the Class Rooms are equipped with WIFI Access points. Students are provided with WIFI Access through Secured Authentication. Provision is provided with WIFI Access either on their Mobile Handset or on the Laptop. Students have to register their Laptop / Mobile Phones MAC Address before getting the WIFI access.

List of Major software packages available

<u>Application Software</u>					
S.N.	Departments	Software Details	Qty.	Date of Purchase	Amount (Rs.)
1	Account	Admission Challan Software Multiuser	1	22/06/2005	10500
2		Tally ERP Multiuser 9.0	1	16/04/2008	46220
3		TDS-Pac	1	07-04-2008	16302
4		Budget	1	04-11-2007	10500
5		Shreelipi Dev Ratna Marathi Software	1	23/09/2011	3743
6		Payroll	1	31/05/2007	22880
7	Student section	Identity Card Master	1	14/10/2006	9545
8		Shreelipi Dev Ratna Marathi Software	1	23/09/2011	3743
9	Library	Slim 21	1	06-11-2007	145600
10		Slim 21 EX	1	01-08-2019	33040
11	Chemical	Hysis 3.1	2	30/04/2003	140400
12		Hyperchem3.0	1	23/09/2003	97000
13		Tksolver 5.0	10	31/07/2007	41000
14		Aspen V7.2	1 (150user)	09-09-2008	300000

15		Aspen One Engineering (Version 9.1) AspenONE for Universities V11.1	1 (150user)	01-01-2017	402000 144600
16		Academic PRO II Process Engineering Program (Version 10.1)	50	24/08/2018	43217
17		Plagiarism Checker X Software	5	14/08/2018	15967
18	Electronic	Power Sim v.7.0.1 Network Version	5	04-04-2007	330000
19	E & TC	MATLAB	5	07-11-2001	552843
20		MULTISIM 2001 Software.	1	06/08/2001	91000
21		Multisim – Ver. 12	10	08-08-2013	196000
22		Multisim – Ver. 12	5	08-08-2013	98000
23		Upgradation of Multisim 2001 to Multisim 10 (S. No.: M64X06533)	1	11-02-2007	128700
24		Xilinx ISE 8.2 I, Service Pack.	1	11-07-2006	52000
25		MATLAB	25	26/12/2005	1456392
26		PLC Trainer – Allen Bradley Micrologix 1000 with PLC Software – RS Logix 500	1	10-01-2002	91925
27		SCADA Software	1	10-10-2007	68344
28		VISIM	1	28/08/2004	304500
29		ULTIBOARD 2001 Software.	1	06/08/2001	91000
30		Upgradation of Ultiboard 2001 to Ultiboard 10 (S. No.: M64X06655)	1	11-02-2007	128700
31		Video Compressing Software	1	17/04/2007	5625
32		8051 Microcontroller Tutor -Educational Trainer License software (For 10 users)	1	29/9/2006	33694
33		Xilinx Vivado	25	13/02/2015	121325
34		Code Composer Studio	5	15/01/2014	157500
35		KEIL PK 51	4	21/2/2013	130000
36		Keil MDK-ARM-ED10 (software-10 user License)	1	09-05-2012	310170

37		HFSS S/W	25	06-09-2018	499140
38	Information Technology	QUAL NET 5.0.2	1	26/09/2011	433125
39	Mechanical	Autocad 2004 Inventor 07	5	11-01-2003	194480
40		Autocad 2008 Inventor 08	15	10-10-2008	452000
41		CATIA V 5 R19 ED2 & DIC	12	22/12/2009	468000
42		Mathwork (Metlab Software)	10	11-08-2011	296683
43		Engineering Graphics Software	32	16/11/2011	118650
44		DelCam include Modules (Feature Cam)	50 (10 seat of Module)	07-10-2012	410760
45		CATIA V6	60	07-02-2015	600000
46		Ansys	25	10-01-2010	420000
47		Catia PLM 3 D EXP	100	30/8/2018	814200
48		Hypermesh 17.2	25	25/10/2018	531000
49	Computer	Computer Software for Vidyarthi Academic information system	1	08-03-2001	7500
50		Computer Software for Vidyarthi Fees Management system	1	08-03-2001	7500
51		MS-MSDN Universal 7.0	1	20/11/2002	37000
52		Rational Suite Enterprise	5	25/10/2002	300000
53		Software Development for ISO Reporting	1	24/03/2003	280000
54		Visual Studio .net	1 set	13/01/2004	81000
55		3D Studio Max	1	13/01/2004	48000
56		Oracle 9i Data Server	10	03-02-2004	106500
57		Educational CBT's of Computer Science Stream	1	12-09-2005	4160
58		IBM Rational Rose Enterprise Suite With Instructor Led Training	1	14/06/2012	211472
59		Marvel Software	1	12-11-2016	36925
60		Proto.io Software	1	12-12-2016	16887

61		Lucid Chart Software	1	22/12/2016	25516
62		Invision Software	1	25/12/2016	75506
63		Oracle Express Cloud Exadata	Unlimited	13/12/2016	7,11,269
64		Proto.io Software	1	27/02/2017	33351
65		IBM Cognos Analytics Administrator Authorised User License + SW, Subscription & Support 12 Months	1	08-10-2018	348980
66		IBM Cognos Analytics User Authorised User License + SW, Subscription & Support 12 Months	2		
67		IBM Cognos Analytics Explorer Authorised User License + SW, Subscription & Support 12 Months	8		
68		MS Pwr BIPro Open ShrdSvr SNGL SubSVL MOLPNLAE (30 User License)	30	27/7/18	61950
69	Civil	ETABS			649000
70		Bentley Academic Select Subscription			1091500
71		Matlab Campus Licenses Standard Plus 32 Addons. 50 Tool Boxes Unlimited Lic			1916250
72		ERP System Software for MITAOE Campus.			2083880
73		Adobe Suite	2		54787
				Total	18549678

<u>System Software</u>					
Sl. No.	Departments	Software Details	Qty	Date of Purchase	Amount (Rs.)
1	Computer Center	Win SL 8.1 SNGL OLP NL Acdmc Legalization Get Genuine	200	28-12-2013	1061802
2	Computer Center	Desktpedu ALNG LicSAPK OLV 1Y Acdmc Ent	80	01-01-2014	292055

3		WinSVR DataCtr ALNG Lic SAPK OLV E 1Y Acdmc AP2 Proc	2		
4		SQLSvrStdCore ALNG LicSAPK OLV 2Lic E 1Y Acdmc AP CoreLic	1		
5		VSProwMSDN ALNG LicSAPK OLV E 1Y Acdmc AP	2		
6		SysCTRCnfgMgrSvrMLStd ALNG LicSAPK OLV 1Y Acdmc AP	1		
7		ExchgSvrStd ALNG LicSAPK OLV E 1Y Acdmc AP	1		
8	Computer Center	MS DSKTP EDU ALNGLICSAPK OLV E 1 Y ENT	80	01-04-2016	295822
9		MS WIN SVR DATACTR ALNG LIC SAPK OLV E 1Y AP 2 PROC AE	2		
10		MS SQL SVR STD CORE ANLG LICSAPK OLV 2 LIC E 1 YR AE AP CORE LIC	1		
11		MS VS PROW MSDN ALNG LIC SAP KOLV E 1 Y AP AE	2		
12		MS SYSCTRCNF GMGR SVR ML STD ALNG LIC SAPK OLV E 1 Y APAE	1		
13		MS EXCHG SVR STD ALNG LIC SAPK OLV E 1 YR AE AP	1		
14	Computer Center	Microsoft Intune Open - Per User	80	01-03-2017	420802
15		SQL Server Standard Core 2016	4		
16		System Center DataCenter Core 2016	16		
17		Windows Server - Device CAL 2016	80		
18		Windows Server Datacenter Core 2016	32		
19		Windows 8.1	200		
20		Windows E3 Per Device			
21		MS Imagine Academy	1		

22		O365 ProPlus for Faculty	80		
23		O365 ProPlus For Students	9000		
24		Visio Professional	1		
25		Visual Studio Professional with MSDN	2		
26		Microsoft Campus Licenses renewal		01-10-2018	420802
27		Microsoft Campus Licenses renewal		01-03-2019	437988
28		Symantec Endpoint Protection	200	18/09/2018	142780
TOTAL					3072051

Special purpose facilities available:

1. Institute is having Biometric Attendance System implemented for the all Faculty and Staff.
2. CCTV Surveillance facility is available at our institute.
3. Students are having advanced LMS (Learning Management System) facilities such as Moodle Server. Cloud based Moodle Server access provided for all the students in the campus.
4. Symantec End Point Protection and Dell – Sonicwall Firewall Protects the Network from various Virus and Trojan attack.
5. Radius Authentication Server for Secured Internet access configured through Sonicwall Firewall.
6. Facility for conduction of Online Class room – Go to Webinar Service.

Innovation Cell

MITAOE Entrepreneurial Development Foundation is an initiative of MIT Academy of Engineering, Alandi-Pune, is an Autonomous Institute.

“It gives us immense pleasure to tell everyone that in latest ARIIA ranking, we stood in Top-100 list of institutes among India. Also e-Cell MITAOE has received Start-up Club award by Wadhwani foundation. e-Cell ,MITAOE has successfully completed the NEC (National Entrepreneurship Challenge) and secured the first position among the 650 competing colleges all over India.”



Mr Tukaram Sonawane
CEO, MITAOE EDF
Faculty Advisor, E-Cell



Mr Shailesh Bhokare
Incubation Manager
MITAOE- EDF



Ms Sneha Arbole
Overall Student Coordinator
E-Cell, MITAOE

About Entrepreneurship Cell MIT AOE

Entrepreneurship cell MITAOE, incorporated as Entrepreneurial Development Centre works to promote Entrepreneurship and entrepreneurial skills in the students of MITAOE. Organizing workshops, competitions, webinars and seminars to inspire students for entrepreneurship are the main activities of E-Cell. Programs such as The First Venture Program (FVP), Institution's Innovation Council (IIC) and participations in competitions such as the National Entrepreneurship Challenge are a part of the functioning.

The First Venture Program (FVP) brings together student start-ups that have just entered the market and helps them grow. The start-ups are provided with required help and a common platform to work with each other, seeking each other's help and achieve their goals.

Institute's Innovation Cell (IIC) is an initiative by MHRD and AICTE, The primary mandate of IIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. MITAOE has achieved 4 star performance out of

5 In IIC competitions for year 2019.

Besides FVP and IIC, E-cell also conducts its own events with the support of Wadhwani Foundation. The Wadhwani Foundation has helped the e-cell grow and learn since its commencement. E-Cell, under Wadhwani Foundation works with the aim of building impactful entrepreneurship programs at leading institutions of higher learning.

E-Cell, MITAOE conducted a series of events related to Entrepreneurship, Innovation, IPR and startup from the month of August 2017 to Dec 2019. Also won the various competitions.

MITAOE EDF also signed MoU with various organisations and corporates:

- INTOIT Solutions
- Wadhwani Foundation
- AIC Pinnacle

The MITAOE Entrepreneurial Development Foundation act as an Incubation centre for the student start-ups in MITAOE, Currently 19 start up working on their ideas. Faculty Advisor and CEO- EDF, Mr Tukaram Sonawane along with Incubation manager, Mr. Shailesh Bhokare looking over the incubation activities.

For any queries Contact

+91 80873 23146 : Mr Tukaram Sonawane (Incharge, EDF)

+91 88058 81583 : Mr Shailesh Navnath Bhokare (Incubation Manager, MITAOE EDF)

Social Media Cell

MITAOE – Alandi, have great social media presence. MITAOE is active on social media like Facebook, LinkedIn, Twitter and we also have our YouTube channel too. We are posting our daily events and happenings on social media with support of photos.

We have **30K+** likes on Facebook, having **5K +** connections on LinkedIn and also people following us on twitter.

And also we have shared many more videos on YouTube channel

Following are the links for social media page's

Facebook – <https://www.facebook.com/mitaoeofficial/>

Twitter – <https://twitter.com/MITAOE>

LinkedIn – <https://www.linkedin.com/in/mitaoecollege/>

YouTube Channel – <https://www.youtube.com/channel/UCL4DWs9R4irwWUTFg8BYsOQ>

Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments

Mr. Milind G. Asmar

Systems Administrator