

JEE (Advanced) -2017

Executive Summary

1. **Top 2.2 lakh Candidates:** In view of increase in the number of Seats in various IITs, category wise top 2,20,000 candidates were to be shortlisted from JEE (Main) 2017. This number is increased from 2,00,000.
2. **Direct Registration for Foreign Candidates:** Foreign candidates were allowed to register for JEE (Advanced) 2017 directly rather than being short-listed through JEE (Main). JAB had already decided that successful candidates will come under supernumerary seats of 10 per cent in each Institute.
3. **No. of Candidates Registered and Qualified:** A total of 2,21,834 candidates were declared to be eligible for JEE (Adv) 2017. However, 1.71 L candidates actually registered to appear for JEE (Adv) 2017. Out of these, 51 thousand candidates qualified for admission.
4. **Female Candidates:** A total of 33307 female candidates registered for JEE (Adv) 2017 out of which 7259 candidates qualified for admission.
5. **New Cities:** JEE (Adv) 2017 was held in 490 Centres across the country and in some foreign cities such as Addis Ababa, Kathmandu, Singapore, Dubai, Dhaka, Colombo. Compared to 2016, JEE (Advanced) 2017 was held in 15 new cities.
6. **Aadhaar Based Biometric Verification:** Unlike previous years when finger prints were collected through hand held devices, JEE (Advanced) 2017 used Aadhaar biometric database to verify the identity of the candidates. This authentication was done in both the sessions.
7. **All India Rank 1:** The topper of JEE (Adv) 2017 scored a total of 339 out of 366 marks. He scored 104 marks in Physics, 115 marks in Chemistry and 120 marks in Mathematics, each of which was out of 122 marks
8. **AAT 2017:** The number of candidates registered for Architecture Aptitude Test (AAT) 2017 was 1367 out of which 541 candidates appeared for the test and 442 candidates passed the test.
9. **New IIT:** This year ISM Dhanbad was upgraded to IIT and came to be known as IIT (ISM).
10. **JoSAA 2017:** Seat allotment was done under Joint Seat Allocation Authority (JoSAA) managed by JAB and CSAB.
11. **Seven Rounds of Seat Allotments:** JoSAA 2017 had seven rounds of seat allotments for all institutes. JoSAA 2016 had conducted six rounds of allotments.
12. **Withdrawal Option:** Candidates who accepted a seat could withdraw the seat until the penultimate round. i.e., 6th round.
13. **Reporting Centre at all IITs:** Except a few new IITs, reporting centres were operated at 17 IITs. JAB had already decided the processing fee at reporting centres. Rs 1000/- was deducted from the seat acceptance fee towards the processing fee.

14. **No. of Candidates Registered:** The total number of candidates registered for JoSAA 2017 is 1,57,362. They filled a total of 1,65,97,223 choices. Among qualified candidates, 44,167 candidates registered for seat allocation and they filled 57,53,480 choices in total.
15. **JoSAA Software:** Like last year, the software originally developed by IITK was used for seat allocation with inputs from IITM in terms of validation.
16. **Very Few Vacancies:** Except one ST seat in Dual Degree at IIT Bhubaneswar, all seats at IITs were allotted by the end of all seat allotments. Out of 10997 candidates who were allotted seats, some did not accept the seats in final round. Eventually, 119 seats (i.e. 1% seats) at IITs were left vacant at the end of final round (7th round) seat acceptance.
17. **Foreign Nationals:** 20 OCI/PIO candidates and 3 foreign nationals were offered seats at IITs.
18. **Female Candidates:** A total of 995 (9% of total seats) female candidates were offered admission across all IITs.
19. **Preparatory Course:** Total 41 preparatory candidates were offered admission across all IITs.
20. **Institutes using JEE (Adv) Ranks:** Besides IITs, IIST, RGIPT, IISERs, IIPE used JEE (Adv) 2017 ranks for admission to their UG programmes.
21. **Court Cases:** A few cases were filed in various courts against JEE (Advanced) 2017 and some of them are still pending, but that did not affect the main business of allocation and admission. It may be noted here that the Honorable Supreme Court of India had suspended JoSAA activities for a couple of days after complaints relating to award of grace marks, but subsequently was convinced about fairness of JEE (Advanced) 2017 and allowed further rounds of seat allocation.

Summary of Statistics of JEE (Advanced) 2017

Number of Candidates from JEE (Main) 2017 to JEE (Advanced) 2017

Category	Required Candidates		Shortlisted Candidates	
	Breakup	Total	Breakup	Cut-offs
OPEN	1,07,767	1,11,100	1,09,842	81
OPEN-PwD	3,333		2,369	1
OBC-NCL	57,618	59,400	60,181	49
OBC-NCL-PwD	1,782		--	--
SC	32,010	33,000	33,306	32
SC-PwD	990		--	--
ST	16,005	16,500	16,136	27
ST-PwD	495		--	--
Total		2,20,000	2,21,834	

Summary of Number of Candidates of JEE (Advanced) 2017

Category	PwD Status	Registered	Appeared	Qualified
GEN	No	67955	64901	22548
	Yes	942	853	411
OBC-NCL	No	63101	58121	9437
	Yes	622	554	267
SC	No	27500	24818	13490
	Yes	131	114	37
ST	No	11528	10147	4840
	Yes	35	32	10
Total		171814	159540	51040
Male		138506	129668	43781
Female		33307	29872	7259
Third Gender		1	0	0
OCI		124	112	58
PIO		54	50	29
Foreign		597	109	7

JEE (Advanced) 2017 Results

Qualifying Criteria for JEE (Advanced) 2017

The total marks obtained in Mathematics will be the marks awarded for Mathematics in Paper 1 and Paper 2. The total marks obtained in Physics and Chemistry will also be calculated in the same way. The aggregate marks will be calculated as the sum of the marks obtained in Mathematics, Physics and Chemistry. Candidates have to satisfy the subject-wise as well as the aggregate qualifying marks to be included in a rank list.

Maximum aggregate marks: 366 (183 each in Paper-1 and Paper-2)

Maximum marks in Physics: 122 (61 each in Paper-1 and Paper-2)

Maximum marks in Chemistry: 122 (61 each in Paper-1 and Paper-2)

Maximum marks in Mathematics: 122 (61 each in Paper-1 and Paper-2)

Criteria for Inclusion in a Rank List

Rank List	Minimum Percentage of Marks in Each Subject	Minimum Percentage of Aggregate Marks
Common rank list (CRL)	10.0	35.0
OBC-NCL rank list	9.0	31.5
SC rank list	5.0	17.5
ST rank list	5.0	17.5
Common-PwD rank list (CRL-PwD)	5.0	17.5
OBC-NCL-PwD rank list	5.0	17.5
SC-PwD rank list	5.0	17.5
ST-PwD rank list	5.0	17.5
Preparatory course (PC) rank lists	2.5	8.75

Qualifying Marks

Category	PwD Status	Rank List	Minimum Marks in Each Subject	Minimum Aggregate Marks
Any	Any	CRL	12	128
OBC-NCL	Any	OBC-NCL rank list	10	115
SC	Any	SC rank list	06	64
ST	Any	ST rank list	06	64
Any	Yes	CRL-PwD	06	64
OBC-NCL	Yes	OBC-NCL-PwD rank list	06	64
SC	Yes	SC-PwD rank list	06	64
ST	Yes	ST-PwD rank list	06	64
Any	Yes	PC-CRL-PwD	03	32
OBC-NCL	Yes	PC-OBC-NCL-PwD	03	32
SC	Any	PC-SC	03	32
SC	Yes	PC-SC-PwD	03	32
ST	Any	PC-ST	03	32
ST	Yes	PC-ST-PwD	03	32

JEE (Advanced) 2017 Results

Results of JEE (Advanced) 2017

JEE (Advanced) 2017: Number of Qualified Candidates

Extent of Relaxation in Qualifying Marks	Category	GEN		OBC-NCL		SC		ST		Total
	PwD	No	Yes	No	Yes	No	Yes	No	Yes	
Non-Preparatory Rank Lists										
No Relaxation		22548	30	7085	9	871	2	215	1	30761
10% Relaxation				2352	6					2358
50% Relaxation			136		82	5183	9	1613	3	7026
Total (Non-Preparatory)		22548	166	9437	97	6054	11	1828	4	40145
Preparatory Rank Lists										
75% Relaxation			245		170	7436	26	3012	6	10895
Total Qualified		22548	411	9437	267	13490	37	4840	10	51040

Rank 1 Candidates in the Respective Rank Lists

Rank list	Rank	Name	City/Town
OPEN (CRL)	1	Sarvesh Mehtani	Panchkula
OPEN (CRL)	2	Akshat Chugh	Pune
OPEN (CRL)	3	Ananye Agarwal	New Delhi
OPEN (CRL)	1 (Girls)	Ramya Narayanasamy (AIR 35)	Madhapur
OBC-NCL	1	Shafil Maheen N (AIR 4)	Talakkad
SC	1	Kalpiti Veerwal (AIR 109)	Udaipur
ST	1	Deepak Meena (AIR 951)	Khedly
CRL-PwD	1	Lovesh Kumar Gupta (AIR 913)	Gangapur
OBC-NCL-PwD	1	Mallula Rajesh (AIR 5311)	Cherukuvada
SC-PwD	1	Souvik Kumar Dolui (AIR 23074)	Ghatal
ST-PwD	1	Ninavath Niranjan Naik (AIR 25008)	Kurnool

Zone-wise distribution of top candidates and all qualified candidates

Zone	Topper	Number of candidates within the			Total qualified
		Top 10	Top 100	Top 500	
IIT Bombay	Akshat Chugh (Air 2)	2	25	132	9999
IIT Delhi	Ananye Agarwal (Air 3)	3	26	101	9282
IIT Guwahati	Abhyuday Bhartiya (Air 104)	0	0	5	3189
IIT Kanpur	Lakshay Sharma (Air 10)	1	6	45	6975
IIT Kharagpur	Debaditya Pramanik (Air 38)	0	4	35	6171
IIT Madras	Shafil Maheen N (Air 4)	1	29	119	10350
IIT Roorkee	Sarvesh Mehtani (Air 1)	3	10	63	5074
Total		10	100	500	51040

JEE (Advanced) 2017 Results

Zone wise trend in Registration of Candidates in IIT-JEE / JEE (Advanced)

Year	B	%	D	%	Guw	%	K	%	Kgp	%	M	%	R	%	Total
1997	14381	15.8	17875	19.6	-	-	21655	23.7	23780	26.1	13588	14.9	-	-	91279
1998	15400	16.1	19115	20.0	-	-	23777	24.9	23240	24.3	14087	14.7	-	-	95619
1999	17673	15.7	25829	23.0	1393	1.2	28837	25.7	24201	21.5	14414	12.8	-	-	112347
2000	18434	14.3	31753	24.7	1403	1.1	32672	25.4	28756	22.4	15607	12.1	-	-	128625
2001	22532	15.3	39271	26.6	1806	1.2	36711	24.8	29962	20.3	17493	11.8	-	-	147775
2002	27486	15.4	48115	27.0	3058	1.7	40943	23.0	35787	20.1	18420	10.4	4234	2.4	178043
2003	25896	14.5	37150	20.8	14384	8.0	33905	19.0	30897	17.3	19477	10.9	17231	9.6	178940
2004	28743	16.4	35052	20.0	14144	8.1	33321	19.0	27632	15.8	20134	11.5	16329	9.3	175355
2005	33916	17.1	36709	18.5	16656	8.4	35190	17.8	29498	14.9	24007	12.1	22083	11.2	198059
2006	50854	17.0	52414	17.5	25812	8.6	53979	18.1	41362	13.8	42264	14.1	32402	10.8	299087
2007	46789	18.6	47776	19.0	16486	6.6	39760	15.8	33939	13.5	39916	15.9	27137	10.8	251803
2008	63517	19.2	53192	16.6	20826	6.5	47187	14.7	42242	13.1	51747	16.1	42648	13.3	321653
2009	83838	21.1	62974	15.8	31323	7.9	48819	12.3	53959	13.5	67093	16.8	50258	12.6	398264
2010	80761	17.0	73789	15.6	54471	12.0	73929	15.6	61263	12.9	68537	14.5	61232	14.5	473982
2011	85146	17.6	70793	14.6	58610	12.1	80348	16.6	63016	13.0	65612	13.5	61611	12.7	485136
2012	77322	15.3	74499	14.7	62160	12.2	82679	16.3	65362	12.9	77970	15.4	66492	13.1	506484
2013	29351	23.16	19159	15.12	10483	8.27	15212	12.00	15289	12.06	25332	19.99	11923	9.41	126749
2014	29978	23.61	18025	14.19	10053	7.92	14993	11.81	15504	12.21	26361	20.76	12081	9.51	126995
2015	29037	23.30	18363	14.73	9337	7.49	13945	11.19	15645	12.55	26398	21.18	11913	9.56	124638
2016	33618	21.58	22460	14.42	13272	8.52	18164	11.66	20082	12.89	33536	21.53	14665	9.41	155797
2017	30779	17.91	27627	16.08	12803	7.45	23607	13.74	21752	12.66	40364	23.49	14882	8.66	171814

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Marks of First and Last Ranked Candidates in Each Category

Rank List	Rank	Physics	Chemistry	Mathematics	Total Marks
CRL	1	104	115	120	339
	30763	63	50	15	128
OBC-NCL	1	107	112	112	331
	8834	30	69	16	115
SC	1	82	103	118	303
	6002	20	33	11	64
ST	1	87	80	98	265
	1791	29	20	15	64

Aggregate Total Marks with Different Ranks in CRL

Rank	Marks	Rank	Marks	Rank	Marks	Rank	Marks
1	339	4001	219	8301	190	12901	170
101	305	4101	218	8401	189	13001	170
201	295	4201	217	8501	189	13101	170
301	289	4301	217	8601	188	13201	169
401	284	4401	216	8701	188	13301	169
501	279	4501	215	8801	187	13401	169
601	276	4601	214	8901	187	13401	169
701	272	4701	213	9001	186	13501	168
801	269	4801	213	9101	186	13601	168
901	266	4901	212	9201	185	13701	167
1001	264	5001	211	9401	184	13801	167
1101	261	5101	210	9501	184	13901	167
1201	258	5101	210	9601	184	14001	166
1301	257	5201	209	9701	183	14101	166
1401	254	5301	208	9801	183	14201	166
1501	253	5401	208	9901	182	14301	165
1601	251	5501	207	10001	182	14501	165
1701	249	5601	206	10101	181	14601	164
1801	247	5701	206	10201	181	14701	164
1901	246	5801	205	10301	181	14801	164
2001	244	6001	204	10401	180	14901	163
2101	243	6201	202	10501	180	15001	163
2201	241	6301	202	10601	179	15201	163
2301	240	6401	201	10701	179	15301	162
2401	238	6501	200	10801	178	15401	162
2501	237	6501	200	10901	178	15501	162
2601	236	6601	200	11001	177	15601	161
2701	234	6701	199	11201	177	15701	161
2801	233	6801	198	11301	176	15801	161
2901	232	6901	198	11501	175	15901	160
3001	231	7001	197	11801	174	15901	160
3101	229	7101	197	11901	174	16001	160
3201	228	7201	196	12001	174	16101	160
3301	227	7501	194	12101	173	16101	160
3401	226	7601	194	12201	173	16101	160
3501	225	7701	193	12301	172	16201	159
3601	224	7801	193	12501	172	16301	159
3701	223	8001	191	12601	171	16501	159
3801	221	8101	191	12701	171	16601	158
3901	220	8201	190	12801	171	16801	158

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Rank	Marks	Rank	Marks	Rank	Marks	Rank	Marks
16901	157	20501	148	24501	139	27801	133
17001	157	20601	148	24601	139	27901	132
17001	157	20701	147	24801	138	28001	132
17201	157	20801	147	24901	138	28101	132
17301	156	20901	147	24901	138	28201	132
17401	156	21101	147	25001	138	28301	132
17401	156	21201	146	25101	138	28401	132
17501	156	21501	146	25201	138	28501	131
17601	155	21601	145	25301	137	28701	131
17701	155	21801	145	25401	137	28801	131
17801	155	21801	145	25501	137	28901	131
17901	155	21901	145	25601	137	29001	130
18001	154	22001	144	25601	137	29101	130
18201	154	22101	144	25701	137	29201	130
18301	154	22101	144	25801	136	29301	130
18501	153	22301	144	25901	136	29401	130
18601	153	22301	144	26001	136	29501	130
18701	152	22401	144	26101	136	29501	130
18901	152	22401	144	26101	136	29601	129
19001	152	22501	143	26201	136	29701	129
19101	151	22901	142	26301	135	29801	129
19201	151	23101	142	26401	135	29801	129
19301	151	23101	142	26401	135	29901	129
19401	151	23201	142	26501	135	29901	129
19501	150	23301	142	26601	135	29901	129
19601	150	23401	141	26801	135	30001	129
19701	150	23501	141	27101	134	30101	129
19801	150	23601	141	27201	134	30201	128
19901	149	23701	141	27301	134	30301	128
20001	149	23801	141	27301	134	30301	128
20001	149	23901	140	27401	133	30401	128
20101	149	24001	140	27501	133	30501	128
20201	149	24101	140	27501	133	30601	128
20301	148	24201	140	27501	133	30701	128
20301	148	24201	140	27501	133	30701	128
20301	148	24301	139	27601	133		
20401	148	24401	139	27601	133		

Aggregate Total Marks with Different Ranks in OBC-NCL

Rank	Marks	Rank	Marks	Rank	Marks	Rank	Marks
1	331	1201	197	2601	167	3901	151
101	269	1301	193	2701	166	4001	150
201	255	1401	191	2801	164	4001.01	150
301	245	1501	188	2901	163	4101	149
401	236	1601	186	3001	161	4201	148
501	229	1801	182	3101	160	4301	146
501.01	229	1901	180	3201	159	4401	145
601	222	2001	178	3301	158	4501	145
701	217	2101	176	3401	156	4601	144
801	212	2201	174	3501	155	4701	143
901	207	2301	172	3601	154	4801	142
1001	203	2401	171	3701	153	4901	141
1101	200	2501	169	3801	152	5001	140

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Rank	Marks
5101	140
5201	139
5301	138
5401	137
5501	136
5601	135
5701	135
5801	134
5901	133

Rank	Marks
6001	132
6101	131
6201	131
6301	130
6401	129
6501	129
6601	128
6701	128
6901	126

Rank	Marks
7001	125
7101	125
7401	123
7301	123
7501	122
7701	121
7801	120
7901	120
8101	119

Rank	Marks
8001	119
8201	118
8401	117
8301	117
8501	116
8701	115
8701	115
8701	115
8801	115

Aggregate Total Marks with Different Ranks in SC

Rank	Marks
1	303
101	200
201	176
301	163
401	153
501	146
601	140
701	135
801	131
901	126
1001	123
1101	119
1201	116
1301	114
1401	111
1501	109

Rank	Marks
1601	107
1701	105
1801	103
1801	103
1901	101
2001	100
2101	98
2201	96
2301	95
2401	94
2501	92
2601	91
2701	89
2801	88
2901	87
3001	86

Rank	Marks
3101	85
3201	84
3301	83
3301	83
3401	82
3401	82
3501	81
3601	80
3701	79
3701	79
3901	78
3801	78
4001	77
4101	76
4201	75
4301	74

Rank	Marks
4501	73
4501	73
4401	73
4801	71
4901	70
5001	69
5101	69
5301	68
5201	68
5401	67
5501	67
5601	66
5701	65
5901	64
6001	64

Aggregate Total Marks with Different Ranks in ST

Rank	Marks
1	265
101	149
201	129
301	116
401	108
501	101

Rank	Marks
601	96
701	92
801	87
901	84
1000	81
1000	81

Rank	Marks
1101	78
1201	76
1301	74
1401	71
1401.01	71
1501	69

Rank	Marks
1601	67
1701	65
1701	65

Aggregate Total Marks with Different Ranks in CRL-PwD

Rank	Marks
1	266

Rank	Marks
101	93

Rank	Marks
201	71

Aggregate Total Marks with Different Ranks in OBC-NCL-PwD

Rank	Marks
0.01	208

Aggregate Total Marks with Different Ranks in SC-PwD

Rank	Marks
1	141

Aggregate Total Marks with Different Ranks in ST-PwD

Rank	Marks
1	138

JEE(Adv) 2017 Question Paper Analysis

JEE (Advanced) 2017 Question-wise Candidates' Performance in Physics (Question numbers are as per the sequence in Code-1)

Paper 1

Question No.	Not Attempted	Wrong Response	Correct Response	Partial Correct (1 Mark)	Partial Correct (2 Mark)	Partial Correct (3 Mark)	Unattempted Percentage	Wrong Response Percentage	Correct Response Percentage	Partial Correct Percentage
Q.1	98477	16993	2642	24470	16958	0	61.73	10.65	1.66	25.97
Q.2	84487	34538	15346	25169	0	0	52.96	21.65	9.62	15.78
Q.3	72141	65154	6034	16211	0	0	45.22	40.84	3.78	10.16
Q.4	83671	56345	19524	0	0	0	52.45	35.32	12.24	0.00
Q.5	61327	61491	15135	21587	0	0	38.44	38.54	9.49	13.53
Q.6	56454	32775	37231	33080	0	0	35.39	20.54	23.34	20.73
Q.7	57955	22888	9499	32099	37099	0	36.33	14.35	5.95	43.37
Q.8	7996	115450	36094				5.01	72.36	22.62	
Q.9	5511	81444	72585				3.45	51.05	45.50	
Q.10	9365	103014	47161				5.87	64.57	29.56	
Q.11	8867	113387	37286				5.56	71.07	23.37	
Q.12	14271	110692	34577				8.95	69.38	21.67	
Q.13	43527	54492	61521				27.28	34.16	38.56	
Q.14	51952	48662	58926				32.56	30.50	36.93	
Q.15	45892	50737	62911				28.77	31.80	39.43	
Q.16	28823	31282	99435				18.07	19.61	62.33	
Q.17	22167	32636	104737				13.89	20.46	65.65	
Q.18	43924	26500	89116				27.53	16.61	55.86	

Paper 2

Q.1	67594	49229	42717				42.37	30.86	26.78	
Q.2	82616	40954	35970				51.78	25.67	22.55	
Q.3	69421	63795	26324				43.51	39.99	16.50	
Q.4	65216	52388	41936				40.88	32.84	26.29	
Q.5	58696	27253	73591				36.79	17.08	46.13	
Q.6	69570	41933	48037				43.61	26.28	30.11	
Q.7	67138	63818	28584				42.08	40.00	17.92	
Q.8	81061	29806	20378	28295	0	0	50.81	18.68	12.77	17.74
Q.9	81055	53069	6242	19174	0	0	50.81	33.26	3.91	12.02
Q.10	52584	57280	13140	36536	0	0	32.96	35.90	8.24	22.90
Q.11	77391	51185	12742	18222	0	0	48.51	32.08	7.99	11.42
Q.12	55143	47030	20654	14167	22546	0	34.56	29.48	12.95	23.01
Q.13	44912	47467	15556	26506	25099	0	28.15	29.75	9.75	32.35
Q.14	62894	54745	32921	8980	0	0	39.42	34.31	20.63	5.63
Q.15	3907	104551	51082				2.45	65.53	32.02	
Q.16	4955	98242	56343				3.11	61.58	35.32	
Q.17	0	0	159540				0.00	0.00	100.00	
Q.18	6098	113914	39528				3.82	71.40	24.78	

Q.17 (Paper 2) - Due to no correct answer available in the given list of options, marks are awarded to all the candidates.

JEE(Adv) 2017 Question Paper Analysis

JEE (Advanced) 2017 Question-wise Candidates' Performance in Chemistry (Question numbers are as per the sequence in Code-1)

Paper 1

Question No.	Not Attempted	Wrong Response	Correct Response	Partial Correct (1 Mark)	Partial Correct (2 Mark)	Partial Correct (3 Mark)	Unattempted Percentage	Wrong Response Percentage	Correct Response Percentage	Partial Correct Percentage
Q.19	62339	43678	4769	27263	21491	0	39.07	27.38	2.99	30.56
Q.20	63895	32715	28827	34103	0	0	40.05	20.51	18.07	21.38
Q.21	26968	16427	27459	34258	54428	0	16.90	10.30	17.21	55.59
Q.22	67146	65590	7832	18972	0	0	42.09	41.11	4.91	11.89
Q.23	97730	20500	1575	27562	12173	0	61.26	12.85	0.99	24.91
Q.24	10708	80777	29668	38387	0	0	6.71	50.63	18.60	24.06
Q.25	60977	54522	20551	23490	0	0	38.22	34.17	12.88	14.72
Q.26	5343	75652	78545				3.35	47.42	49.23	
Q.27	11921	122221	25398				7.47	76.61	15.92	
Q.28	5741	102243	51556				3.60	64.09	32.32	
Q.29	0	0	159540				0.00	0.00	100.00	
Q.30	2462	123738	33340				1.54	77.56	20.90	
Q.31	65428	48492	45620				41.01	30.39	28.59	
Q.32	60307	48157	51076				37.80	30.18	32.01	
Q.33	68246	64664	26630				42.78	40.53	16.69	
Q.34	38403	79599	41538				24.07	49.89	26.04	
Q.35	53611	65439	40490				33.60	41.02	25.38	
Q.36	36395	27919	95226				22.81	17.50	59.69	

Q.29 (Paper 1) - Due to printing inconsistency, marks are awarded to all the candidates.

Paper 2

Q.19	39872	51078	68590				24.99	32.02	42.99	
Q.20	32002	50654	76884				20.06	31.75	48.19	
Q.21	108054	27305	24181				67.73	17.11	15.16	
Q.22	32770	65234	61536				20.54	40.89	38.57	
Q.23	10620	26752	122168				6.66	16.77	76.58	
Q.24	35040	68938	55562				21.96	43.21	34.83	
Q.25	28471	49904	81165				17.85	31.28	50.87	
Q.26	30147	87251	21003	21139	0	0	18.90	54.69	13.16	13.25
Q.27	79645	54581	13906	11408	0	0	49.92	34.21	8.72	7.15
Q.28	96594	39553	4823	18570	0	0	60.55	24.79	3.02	11.64
Q.29	27199	0	3694	46132	68870	13645	17.05	0.00	2.32	80.64
Q.30	37479	42168	4412	42933	32548	0	23.49	26.43	2.77	47.31
Q.31	46951	46320	17476	48793	0	0	29.43	29.03	10.95	30.58
Q.32	57055	45192	37669	19624	0	0	35.76	28.33	23.61	12.30
Q.33	1858	64519	93163				1.16	40.44	58.39	
Q.34	2539	95931	61070				1.59	60.13	38.28	
Q.35	4754	109504	45282				2.98	68.64	28.38	
Q.36	2475	141513	15552				1.55	88.70	9.75	

JEE(Adv) 2017 Question Paper Analysis

JEE (Advanced) 2017 Question-wise Candidates' Performance in Mathematics (Question numbers are as per the sequence in Code-1)

Paper 1

Question No.	Not Attempted	Wrong Response	Correct Response	Partial Correct (1 Mark)	Partial Correct (2 Mark)	Partial Correct (3 Mark)	Unattempted Percentage	Wrong Response Percentage	Correct Response Percentage	Partial Correct Percentage
Q.37	70573	25278	39889	13777	10023	0	44.24	15.84	25.00	14.92
Q.38	68857	49834	40849	0	0	0	43.16	31.24	25.60	0.00
Q.39	0	0	159540	0	0	0	0.00	0.00	100.00	0.00
Q.40	111977	24510	5871	17182	0	0	70.19	15.36	3.68	10.77
Q.41	47566	66712	28931	16331	0	0	29.81	41.82	18.13	10.24
Q.42	79596	21021	50262	8661	0	0	49.89	13.18	31.50	5.43
Q.43	33598	26383	55018	44541	0	0	21.06	16.54	34.49	27.92
Q.44	7542	110371	41627				4.73	69.18	26.09	
Q.45	11291	109842	38407				7.08	68.85	24.07	
Q.46	6462	101041	52037				4.05	63.33	32.62	
Q.47	8921	102970	47649				5.59	64.54	29.87	
Q.48	4923	52120	102497				3.09	32.67	64.25	
Q.49	39966	35516	84058				25.05	22.26	52.69	
Q.50	40277	29819	89444				25.25	18.69	56.06	
Q.51	49707	37776	72057				31.16	23.68	45.17	
Q.52	83067	46954	29519				52.07	29.43	18.50	
Q.53	84747	38763	36030				53.12	24.30	22.58	
Q.54	84254	39520	35766				52.81	24.77	22.42	

Q.39 (Paper 1) - Due to printing inconsistency, marks are awarded to all the candidates.

Paper 2

Q.37	20988	32175	106377				13.16	20.17	66.68	
Q.38	71598	57631	30311				44.88	36.12	19.00	
Q.39	69782	35176	54582				43.74	22.05	34.21	
Q.40	66983	56369	36188				41.99	35.33	22.68	
Q.41	97232	42376	19932				60.95	26.56	12.49	
Q.42	66742	38328	54470				41.83	24.02	34.14	
Q.43	54672	61282	43586				34.27	38.41	27.32	
Q.44	0	0	159540	0	0	0	0.00	0.00	100.00	0.00
Q.45	0	0	159540	0	0	0	0.00	0.00	100.00	0.00
Q.46	70991	22000	42091	24458	0	0	44.50	13.79	26.38	15.33
Q.47	70940	51232	20811	16557	0	0	44.47	32.11	13.04	10.38
Q.48	43658	56299	27778	31805	0	0	27.36	35.29	17.41	19.94
Q.49	78050	37948	23267	20275	0	0	48.92	23.79	14.58	12.71
Q.50	100122	32497	12634	14287	0	0	62.76	20.37	7.92	8.96
Q.51	3402	70083	86055				2.13	43.93	53.94	
Q.52	4374	75639	79527				2.74	47.41	49.85	
Q.53	6805	107115	45620				4.27	67.14	28.59	
Q.54	5920	100975	52645				3.71	63.29	33.00	

Q.44 & Q.45 (Paper 2) - Due to no correct answer available in the given list of options, marks are awarded to all the candidates.

JEE (Adv) 2017 Question Paper Analysis

Question Paper Pattern

Paper	Type	No. of Questions in Each Subject	Marks
Paper-1	Multiple Correct Answers	7	4, 3, 2, 1, 0, -2
	Single Digit Integer	5	3, 0
	Single Correct Answer	6	3, 0, -1
Paper-2	Single Correct Answer	7	3, 0, -1
	Multiple Correct Answers	7	4, 3, 2, 1, 0, -2
	Comprehension	4	3, 0

39% questions had partial marks

Zone Wise Statistics

Zone wise Category wise Distribution of Registered (R), Appeared (A) and Qualified (Q) Candidates

Zone	GEN			GEN-PwD			OBC-NCL		
	R	A	Q	R	A	Q	R	A	Q
IITB	12640	12164	4745	158	146	72	10019	9159	1538
IITD	12784	12291	4327	108	95	47	9015	8543	1801
IITG	3007	2884	832	89	82	29	6481	6229	904
IITK	8641	8417	3017	156	147	82	9480	9007	1448
IITKgp	8455	7990	2364	171	146	58	7127	6614	1016
IITM	14135	13133	4437	169	150	76	17998	15781	2306
IITR	8293	8022	2826	91	87	47	2981	2788	424
Totals	67955	64901	22548	942	853	411	63101	58121	9437

Zone	OBC-NCL-PwD			SC			SC-PwD		
	R	A	Q	R	A	Q	R	A	Q
IITB	96	86	47	5260	4661	2467	22	19	7
IITD	52	50	28	4074	3753	2278	13	12	6
IITG	116	100	50	1774	1644	903	12	10	5
IITK	120	112	46	4004	3759	2022	24	23	4
IITKgp	103	91	40	3731	3304	1863	20	14	6
IITM	102	85	40	5619	4945	2405	24	21	5
IITR	33	30	16	3038	2752	1552	16	15	4
Totals	622	554	267	27500	24818	13490	131	114	37

Zone	ST			ST-PwD			Total		
	R	A	Q	R	A	Q	R	A	Q
IITB	2580	2274	1121	4	4	2	30779	28513	9999
IITD	1576	1451	795	5	4		27627	26199	9282
IITG	1322	1058	465	2	2	1	12803	12009	3189
IITK	1180	1063	356	2	1		23607	22529	6975
IITKgp	2136	1848	821	9	9	3	21752	20016	6171
IITM	2305	2068	1077	12	11	4	40364	36194	10350
IITR	429	385	205	1	1		14882	14080	5074
Totals	11528	10147	4840	35	32	10	171814	159540	51040

Zone Wise Statistics

Zone wise Male and Female Candidates

Zone	Gender	Registered	Appeared	Qualified	
				Prep-No	Prep-Yes
IIT Bombay	Male	25127	23376	6981	1587
	Female	5652	5137	1018	413
IIT Delhi	Male	23604	22485	6853	1436
	Female	4023	3714	728	265
IIT Guwahati	Male	11043	10411	2108	750
	Female	1760	1598	189	142
IIT Kanpur	Male	20157	19266	4880	1271
	Female	3450	3263	596	228
IIT Kharagpur	Male	17475	16179	3908	1356
	Female	4277	3837	512	395
IIT Madras	Male	28791	26280	6905	1386
	Female	11573	9914	1462	597
IIT Roorkee	Male	12309	11671	3497	863
	Female	2572	2409	508	206
	Third	1	0	0	0
Totals		171814	159540	40145	10895

Zone wise Nationality of Candidates

Zone	Indian	OCI	PIO	Foreign	Total
IIT Bombay	30674	16	14	75	30779
IIT Delhi	27527	5	4	91	27627
IIT Guwahati	12742	1	0	60	12803
IIT Kanpur	23504	2	0	101	23607
IIT Kharagpur	21657	8	0	87	21752
IIT Madras	40104	87	33	140	40364
IIT Roorkee	14831	5	3	43	14882
Totals	171039	124	54	597	171814

Zone wise Architecture Aptitude Test (AAT) Candidates

Zone	Registered	Appeared	Absent	Pass	Fail
IIT Bombay	171	54	117	45	9
IIT Delhi	457	203	254	165	38
IIT Guwahati	48	18	30	17	1
IIT Kanpur	224	95	129	68	27
IIT Kharagpur	176	54	122	44	10
IIT Madras	212	78	134	69	9
IIT Roorkee	79	39	40	34	5
Totals	1367	541	826	442	99