

JEE Main 2019 Paper I Analysis

- A total of 9,28,198 students had registered for JEE Main 2019. However, 8.75 LAKH students were appeared
- Nearly 38.000 - 40, 000 students availed the EWS reservation.
- All sections were conducted in online computer based mode.

JEE Main 2019 Paper Analysis (April 12 – Evening Shift)

- Last day papers were tougher than previous day papers.
- Even Chemistry which is considered to be easy section had difficult questions.
- Physics questions were descriptive and time consuming.
- Questions had come from all the chapters.

OVERALL DISTRIBUTION OF MARKS

SUBJECT	CLASS 11		Class 12	
	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	14	56	16	64
Mathematics	16	64	14	56
Physics	14	56	16	64
Grand Total	44	176	46	184

DIFFICULTY LEVEL ANALYSIS

SUBJECT	EASY LEVEL		MEDIUM LEVEL		DIFFICULTY LEVEL	
	No of Questions	Total Marks	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	19	76	11	44	0	0
Mathematics	14	56	12	48	2	8
Physics	22	88	3	12	0	0
Grand Total	55	220	26	104	2	8

JEE Main 2019 Paper Analysis (April 12 – Morning Shift)

- Physics retained the tag of being the toughest among all the sections.
- Mathematics had questions with heavy calculations making the paper lengthy and time consuming.
- Chemistry was a scoring paper with direct questions from NCERT Books of class 11 and 12.

OVERALL DISTRIBUTION OF MARKS

SUBJECT	CLASS 11		Class 12	
	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	15	60	14	56
Mathematics	12	48	16	64
Physics	9	36	15	60
Grand Total	36	144	45	180

DIFFICULTY LEVEL

SUBJECT	EASY LEVEL		MEDIUM LEVEL		DIFFICULTY LEVEL	
	No of Questions	Total Marks	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	11	44	14	56	4	16
Mathematics	14	56	13	52	1	4
Physics	15	60	9	36	0	0
Grand Total	40	160	36	144	5	20

There was no exam on April 11 due to general elections in 20 states.

JEE Main 2019 Paper Analysis (April 10 – Morning Shift)

- Students' reactions are more or less the same for the papers.
- Physics follows the trend of being the toughest paper while Chemistry remains the easiest one.
- Experts have predicted the cut off for common rank list to be between 70 – 75.

OVERALL QUESTION DISTRIBUTION

SUBJECT	CLASS 11		Class 12	
	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	13	52	17	68
Mathematics	14	56	16	64
Physics	9	36	21	84
Grand Total	36	144	54	216

DIFFICULTY LEVEL ANALYSIS

SUBJECT	EASY LEVEL		MEDIUM LEVEL		DIFFICULTY LEVEL	
	No of Questions	Total Marks	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	14	56	11	44	5	20
Mathematics	15	60	12	48	3	12
Physics	27	108	3	12	12	0
Grand Total	56	224	26	104	8	32

JEE Main 2019 Paper Analysis (April 10 – Evening Shift)

- This slot paper was easier than the paper sets of previous slots.
- Mathematics paper was comparatively softer to the students.
- While Physics challenged their aptitude by various application based questions.
- Chemistry was easy, However, overall exam was lengthy.

OVERALL QUESTION DISTRIBUTION

SUBJECT	CLASS 11		Class 12	
	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	12	48	18	72
Mathematics	14	56	16	64
Physics	14	56	16	64
Grand Total	40	160	50	200

DIFFICULTY LEVEL QUESTION ANALYSIS

SUBJECT	EASY LEVEL		MEDIUM LEVEL		DIFFICULTY LEVEL	
	No of Questions	Total Marks	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	9	36	18	72	3	12
Mathematics	15	60	14	56	1	4
Physics	30	120	0	0	0	0
Grand Total	54	216	32	128	4	16

JEE Main 2019 Paper Analysis (April 9 – Morning Shift)

- Students referred to the overall paper as moderate to difficult.
- There are mixed reactions for **Chemistry** paper. Some found it tougher than expected while others said it was easy as direct questions were asked from NCERT books.
- **Physics** paper majorly followed NCERT syllabus and was lengthy.
- **Mathematics** paper had moderate difficulty level with some tricky questions.

OVERALL QUESTION DISTRIBUTION

SUBJECT	CLASS 11		Class 12	
	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	10	40	20	80
Mathematics	12	48	18	72
Physics	15	60	15	60
Grand Total	37	148	53	212

DIFFICULTY LEVEL QUESTION ANALYSIS

SUBJECT	Easy Level		Medium Level		Difficult Level	
	No of Questions	Total Marks	No of Questions	Total Marks	Class 11	Class 12
Chemistry	12	48	15	60	3	12
Mathematics	15	60	14	56	1	4
Physics	22	88	7	28	1	4
Grand Total	49	196	36	144	5	20

JEE Main 2019 Paper Analysis (April 9 – Evening Shift)

- Following the exam trend, experts say that students should start the paper with **Chemistry section** to manage the time well.
- A student said that **Mathematics** was the toughest, lengthy and time-consuming section having questions from Calculus and Trigonometry.
- At the same time, **Physics** had high complexity level with many application – based questions.

OVERALL QUESTION DISTRIBUTION

SUBJECT	CLASS 11		Class 12	
	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	9	36	21	84
Mathematics	15	60	15	60
Physics	14	56	16	64
Grand Total	38	152	52	208

DIFFICULTY LEVEL QUESTION ANALYSIS

SUBJECT	Easy Level		Medium Level		Difficult Level	
	No of Questions	Total Marks	No of Questions	Total Marks	Class 11	Class 12
Chemistry	14	56	11	44	5	20
Mathematics	16	64	9	36	5	20
Physics	19	76	10	40	1	4
Grand Total	49	196	30	120	11	44

JEE Main 2019 Paper Analysis (April 8 – Morning Shift)

- In shift 2, **Mathematics** surpassed the difficulty level of Physics paper.
- **Physics** was moderate but lengthy paper.
- **Chemistry** section was again the easiest section with direct questions from the book.

OVERALL QUESTIONS DISTRIBUTION

SUBJECT	CLASS 11		Class 12	
	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	11	44	19	76
Mathematics	13	52	17	68
Physics	14	56	16	64
Grand Total	38	152	52	208

DIFFICULTY LEVEL QUESTION ANALYSIS

SUBJECT	Easy Level		Medium Level		Difficult Level	
	No of Questions	Total Marks	No of Questions	Total Marks	Class 11	Class 12
Chemistry	15	60	14	56	1	4
Mathematics	18	72	10	40	2	8
Physics	13	52	10	40	7	28
Grand Total	46	184	34	136	10	40

JEE Main 2019 Paper Analysis (April 8 – Evening Shift)

- **Mathematics** was moderate to difficult paper with a few repeated questions from previous year question papers.
- **Physic** paper had most number of questions from Mechanics and Electrostatic and Magnetism topics.

OVERALL QUESTIONS DISTRIBUTION

SUBJECT	CLASS 11		Class 12	
	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	11	44	19	76
Mathematics	14	56	16	64
Physics	15	60	15	60
Grand Total	40	160	50	200

DIFFICULTY LEVEL QUESTION ANALYSIS

SUBJECT	Easy Level		Medium Level		Difficult Level	
	No of Questions	Total Marks	No of Questions	Total Marks	Class 11	Class 12
Chemistry	8	32	14	56	8	32
Mathematics	14	56	16	64	0	0
Physics	7	28	16	64	7	28
Grand Total	29	116	46	184	15	60

- **Chemistry section:** As expected by students, **Chemistry** was the easiest paper among the three as it had 5 to 6 direct questions from class 11 and 12 NCERT Books.

*** ALL THE BEST ***