

Previous Year Paper Analysis

Average Number of Questions asked in different Topics (Last 3 Papers)

Joint Entrance Screening Test (JEST)-Physics

Topics	2018	2019	2020	Average Number of Questions
Mathematical Physics	9	12	8	9 to 10
C.M. & Mechanics	13	9	11	11
Waves & Optics	1	4	4	3
Electromagnetic Theory	7	6	7	6 to 7
Thermal & Statistical	8	6	7	7
Quantum Mechanics	7	7	6	6 to 7
Electronics	3	3	7	4 to 5
Atomic & Molecular Physics	1	2	0	1
Nuclear Physics	1	1	0	1
Solid State Physics	0	0	0	0
Total no. of questions	50	50	50	

Previous Year Paper Analysis

Joint Entrance Screening Test (JEST)-Physics

Topics	2020			
	Part A	Part B	Part C	Total
Mathematical Physics	5	1	2	8
C.M. & Mechanics	3	5	3	11
Waves & Optics	1	2	1	4
Electromagnetic Theory	4	2	1	7
Thermal & Statistical	4	2	1	7
Quantum Mechanics	3	2	1	6
Electronics	5	1	1	7
Atomic & Molecular Physics	0	0	0	0
Nuclear Physics	0	0	0	0
Solid State Physics	0	0	0	0
Total	25	15	10	50

Previous Year Paper Analysis

Joint Entrance Screening Test (JEST)-Physics

Topics	2018				2019			
	Part A	Part B	Part C	Total	Part A	Part B	Part C	Total
Mathematical Physics	5	2	2	9	8	2	2	12
C.M. & Mechanics	5	2	6	13	4	3	2	9
Waves & Optics	0	0	1	1	2	0	2	4
Electromagnetic Theory	4	2	1	7	3	2	1	6
Thermal & Statistical	4	0	4	8	3	2	1	6
Quantum Mechanics	4	2	1	7	2	3	2	7
Electronics	1	2	0	3	0	3	0	3
Atomic & Molecular Physics	1	0	0	1	2	0	0	2
Nuclear Physics	1	0	0	1	1	0	0	1
Solid State Physics	0	0	0	0	0	0	0	0
Total	25	10	15	50	25	15	10	50

Joint Entrance Screening Test (JEST)

EXAM SCHEME

TIME: 3 HOURS

MAXIMUM MARKS: 100

Mode of Exam: Online

- There is a total of 50 objective questions of 100 marks. The exam duration is 3 hours.
- The exam will consist of 3 Parts: Part A, Part B and Part C.

Part A consists of 25 questions which will carry 1 marks each.

Part B consists of 15 questions which will carry 3 marks each.

Part C consists of 10 questions which will carry 3 mark each.

For Part A: 1 marks will be rewarded for every correct answer and $-1/3$ mark will be deducted for every wrong answer.

For Part B: 3 marks will be awarded for every correct answer and -1 mark will be deducted for every wrong answer.

For Part C: 3 mark will be awarded for every correct answer. There are **NO NEGATIVE MARKS** for these questions.

The answer to these questions must be answered by integers of 4 digits each. Note that if the answer is, e.g. 5, you must fill in 0005. If it is 0, you must fill in 0000. If the zeros are not filled in (where required), the answer will not be credited.