Previous Year Paper Analysis

Average Number of Questions asked in different Topics (Last 5 Papers)

CSIR- NET/JRF (Physical Sciences)

Topics	Dec 2018	June 2019	Dec 2019	Nov 2020	June 2021	Average Number of Questions
Mathematical Methods of Physics	9	9	9	7	8	8 to 9
Classical Mechanics	7	8	5	10	8	7 to 8
Electromagnetic Theory	6	5	8	7	9	7
Quantum Mechanics	8	9	8	8	10	8 to 9
Thermodynamic and Statistical Physics	6	8	7	6	6	6 to 7
Electronics	7	7	4	5	4	5
Experimental Methods	1	0	2	2	0	1
Atomic & Molecular Physics	4	4	3	4	1	3 to 4
Condensed Matter Physics	4	2	4	3	5	3 to 4
Nuclear and Particle Physics	3	3	5	3	4	3 to 4
Total no. of questions	**55**	**55**	**55**	**55**	**55**	

Previous Year Paper Analysis

CSIR- NET/JRF (Physical Sciences)

Topics	Dec 2018		June 2019		Dec 2019		Nov 2020		June 2021	
	3.5 M	5 M	3.5 M	5 M	3.5 M	5 M	3.5 M	5 M	3.5 M	5 M
Mathematical Methods of Physics	5	4	4	5	5	4	4	3	5	3
Classical Mechanics	4	3	4	4	3	2	4	6	4	4
Electromagnetic Theory	3	3	4	1	4	4	5	2	5	4
Quantum Mechanics	4	4	5	4	5	3	4	4	5	5
Thermodynamic and Statistical Physics	3	3	4	4	5	2	3	3	3	3
Electronics	4	3	4	3	2	2	3	2	2	2
Experimental Methods	1	--	--	--	1	1	1	1	0	0
Atomic & Molecular Physics	1	3	--	4	--	3	1	3	0	1
Condensed Matter Physics	--	4	--	2	--	4	0	3	1	4
Nuclear and Particle Physics	--	3	--	3	--	5	0	3	0	4
Total no. of questions	**25**	**30**	**25**	**30**	**25**	**30**	**25**	**30**	**25**	**30**

Previous Year Paper Analysis

CSIR- NET/JRF (Physical Sciences)

Topics	June 2016		Dec 2016		June 2017		Dec 2017		June 2018	
	3.5 M	5 M	3.5 M	5 M	3.5 M	5 M	3.5 M	5 M	3.5 M	5 M
Mathematical Methods of Physics	5	4	5	4	5	4	5	4	5	4
Classical Mechanics	3	3	5	3	4	3	5	3	4	4
Electromagnetic Theory	5	4	5	4	4	4	4	4	4	3
Quantum Mechanics	4	4	3	4	4	3	3	3	3	3
Thermodynamic and Statistical Physics	4	2	4	3	3	4	4	4	4	4
Electronics	4	2	3	2	3	2	3	2	4	3
Experimental Methods	--	1	--	1		1	--	1	--	--
Atomic & Molecular Physics	--	3	--	3	1	4	--	3	1	3
Condensed Matter Physics	--	3	--	3	1	3	1	3	--	3
Nuclear and Particle Physics	--	4	--	3	--	2	--	3	--	3
Total no. of questions	**25**	**30**	**25**	**30**	**25**	**30**	**25**	**30**	**25**	**30**

CSIR- NET/JRF (Physical Sciences)

EXAM SCHEME

TIME: 3 HOURS **MAXIMUM MARKS: 200**

Mode of Exam: Online

It consists of Single Paper Test having Multiple Choice Questions (MCQs). The question paper shall be divided in three parts.

Part 'A'

This part shall carry 20 questions pertaining to General Science, Quantitative Reasoning & Analysis and Research Aptitude. The candidates shall be required to answer any 15 questions. Each question shall be of two marks. The total marks allocated to this section shall be 30 out of 200.

Part 'B'

This part shall contain 25 Multiple Choice Questions (MCQs) generally covering the topics given in the Part 'A' (CORE) of syllabus. Each question shall be of 3.5 Marks. The total marks allocated to this section shall be 70 out of 200.Candidates are required to answer any 20 questions.

Part 'C'

This part shall contain 30 questions from Part 'B' (Advanced) and Part 'A' that are designed to test a candidate's knowledge of scientific concepts and/or application of the scientific concepts. The questions shall be of analytical nature where a candidate is expected to apply the scientific knowledge to arrive at the solution to the given scientific problem. A candidate shall be required to answer any 20. Each question shall be of 5 Marks. The total marks allocated to this section shall be 100 out of 200.

- There will be negative marking @25% for each wrong answer.