

# JEE Advanced 2024 Paper 1 Exam Analysis

**JEE Advanced 2024 paper 1 was reported to be moderately difficult.** Students found Math difficult, Chemistry moderate and Physics moderate to difficult in JEE Advanced 2024 paper 1. A detailed exam analysis for [JEE Advanced 2024 Paper 1 Question Paper](#) has been discussed below along with the exam pattern, marking scheme and negative marking.

## JEE Advanced 2024 Paper 1 Question Paper Pattern

- JEE Advanced 2024 paper 1 total marks was 180 with 60 marks for each subject (same as last year).
- There were a total of 51 questions (17 questions in each subject).
- There were 4 sections in each subject,
  - Section 1- 12 marks
  - Section 2- 12 marks
  - Section 3- 24 marks
  - Section 4- 12 marks

Question Type	Details	Questions	Total Marks
Section 1- SAQS	Questions with four options in which only ONE option was correct	4	12 marks
Section 2- MAMCQS	Questions with four options in which ONE OR MORE THAN ONE option(s) are correct	3	12 marks
Section 3- Integer Type Questions	Numerical Based (Non-Negative Integer Type)	6	24 marks
Section 4- Matrix Match	Match List type i.e. Match List-I to List-II. List-I had 4 questions to be matched to List-II which had 5 options	4	12 marks

## JEE Advanced 2024 Paper 1 Marking Scheme

Each question in JEE Advanced 2024 paper 1 had a different marking scheme. JEE Advanced 2024 Paper 1 total marks for each subject was 60 marks.

- Marking Scheme for SAQs
  - Full marks: +3 If only the correct option is chosen
  - Zero Marks: 0 for unattempted/ unanswered questions
  - Negative Marks: -1 In all other cases
- Marking Scheme for MAMCQs
  - Full marks: +4 only if all the correct options have been chosen.
  - Partial Marks:

- +3 If all four options are correct but ONLY three correct options are chosen
  - +2 If three or more options are correct but only two correct options are chosen
  - +1 If two or more options are correct but only one correct option is chosen
- Zero Marks: 0 for unattempted/ unanswered questions
- Negative Marks: -2 in all other cases
- Marking Scheme for Integer Type Questions
  - Full marks: +4 for the correct answer
  - Zero Marks: 0 for unattempted/ unanswered questions
- Marking Scheme for Matrix Match
  - Full marks: +3 in case all options are correct,
  - Zero Marks: 0 for unattempted/ unanswered questions
  - Negative Marks: -1 In all other cases

## JEE Advanced 2024 Paper 1 Analysis: Subject-wise Analysis

Parameters	Mathematics	Physics	Chemistry
Overall Difficulty	Difficult and Lengthy	Easy but Lengthy	Easy to Moderate
Difficulty as compared to 2023	Difficult	Easier	Easier
Difficulty Level of SAQs	Moderate	Easy to Moderate	Moderate
Difficulty Level of MAMCQs	Difficult	Moderate to Difficult	Moderate
Difficulty Level of Integer Type Questions	Moderate to Difficult	Moderate	Moderate
Difficulty Level of Matrix Match	Moderate	Easy to Moderate	Easy