

JEE ADVANCED 2017 PAPER ANALYSIS

**WE HAVE PLANNED
YOUR SUCCESS JOURNEY,**



**WHEN ARE YOU
PLANNING TO BEGIN?**

JEE Advanced 2017 Paper-1 Analysis

The Joint Entrance Examination (JEE) Advanced 2017 was conducted on 21st of May 2017. Over 2, 20,000 students who had aced the JEE Main Examination appeared in JEE Advanced 2017. This exam is conducted in the seven zonal IITs under the guidance of the Joint Admission Board (JAB) 2017. According to JAB, the performance of a candidate in this examination will form the basis for admission to the bachelor's, integrated master's and dual degree programs (entry at the 10+2 level) in Indian School of Mines (ISM), Dhanbad and in all the Indian Institutes of Technology (IITs) across the country. The examination consists of two papers, Paper 1 and Paper 2, each of three hours duration. While Paper 1 is scheduled to be from 9 am to 12 pm, Paper 2 is conducted from 2 pm to 5 pm.

Paper Format Analysis

In terms of paper format, Paper 1 of JEE Advanced 2017 differed significantly from its counterpart last year. While the total number of questions remained the same, there are differences in section wise distribution, and nature of questions asked in various sections as well. The maximum marks achievable in this paper are 61 in each subject. We present a section wise analysis below.

Section

1

SECTION 1 (Maximum Marks: 28)

- This section contains **SEVEN** questions
- Each question has **FOUR** options [A], [B], [C] and [D]. **ONE OR MORE THAN ONE** of these four options is(are) correct
- For each question, darken the bubble(s) corresponding to all the correct option(s) in the ORS
- For each question, marks will be awarded in one of the following categories:

| | | |
|-----------------------|------|---|
| <i>Full Marks</i> | : +4 | If only the bubble(s) corresponding to all the correct option(s) is(are) darkened |
| <i>Partial Marks</i> | : +1 | For darkening a bubble corresponding to each correct option , provided NO incorrect option is darkened |
| <i>Zero Marks</i> | : 0 | If none of the bubbles is darkened |
| <i>Negative Marks</i> | : -2 | In all other cases |
- For example, if [A], [C] and [D] are all the correct options for a question, darkening all these three will get +4 marks; darkening only [A] and [D] will get +2 marks; and darkening [A] and [B] will get -2 marks, as a wrong option is also darkened

Section 1 of JEE Advanced 2017 corresponded to section 2 of JEE Advanced 2016. It is a **multiple correct answer** section with full marks of +4, partial marks of +1 for each correct option and negative marking of -2 on selection of wrong answer. There were **eight** such questions in JEE Advanced 2016's section 2, while there are **seven** such this year in section 1. This is a high risk high reward category of questions. While there is a temptation to mark all correct answers to get full marks, the penalty is very high on wrong answers so there is no reason to guess answers in this section. Of a total of 61 marks, the maximum weight was in this section, numerically 28. This implies that maximum time was to be devoted to this section for each subject.

Section 2

SECTION 2 (Maximum Marks: 15)

- This section contains **FIVE** questions
- The answer to each question is a **SINGLE DIGIT INTEGER** ranging from 0 to 9, both inclusive
- For each question, darken the bubble corresponding to the correct integer in the ORS
- For each question, marks will be awarded in one of the following categories:

Full Marks : +3 If only the bubble corresponding to the correct answer is darkened
Zero Marks : 0 In all other cases

Section 2 of JEE Advanced 2017 corresponded to section 3 of JEE Advanced 2016. It is a **single digit integer** section with no partial or negative marking and full marks of +3. Just like last year, there are **five** such questions in this category. This is a low risk low reward category of questions. There is no risk in guessing the answer, but the possibility of randomly getting a right answer in ten options is very low. Of a total of 61 marks, the minimum weight was in this section, numerically 15. This implies that this section was to be devoted least amount of time.

Section 3

SECTION 3 (Maximum Marks: 18)

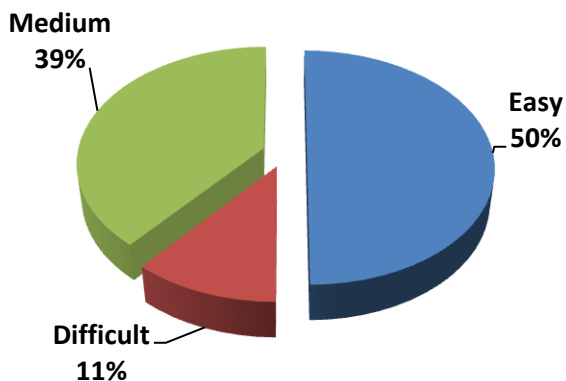
- This section contains **SIX** questions of matching type
- This section contains **TWO** tables (each having 3 columns and 4 rows)
- Based on each table, there are **THREE** questions
- Each question has **FOUR** options [A], [B], [C], and [D]. **ONLY ONE** of these four options is correct
- For each question, darken the bubble corresponding to the correct option in the ORS
- For each question, marks will be awarded in one of the following categories:

| | | |
|-----------------------|------|--|
| <i>Full Marks</i> | : +3 | If only the bubble corresponding to the correct option is darkened |
| <i>Zero Marks</i> | : 0 | If none of the bubbles is darkened |
| <i>Negative Marks</i> | : -1 | In all other cases |

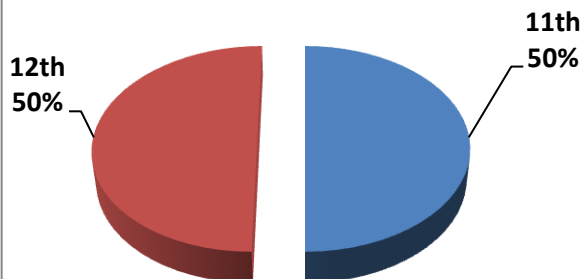
Section 3 of JEE Advanced 2017 is the first of its kind. It is a **matching type** section where based on situations described in two tables, three questions each were asked with +3 marks for correct answer and a penalty of -1 for incorrect answers. There are **six** questions in this category. This is a moderate risk moderate reward category of questions. The penalty for wrong answer is not high enough to deter guessing, and 1 correct guess out of 4 can settle the account. Of a total of 61 marks this section had a weight of 18.

Physics

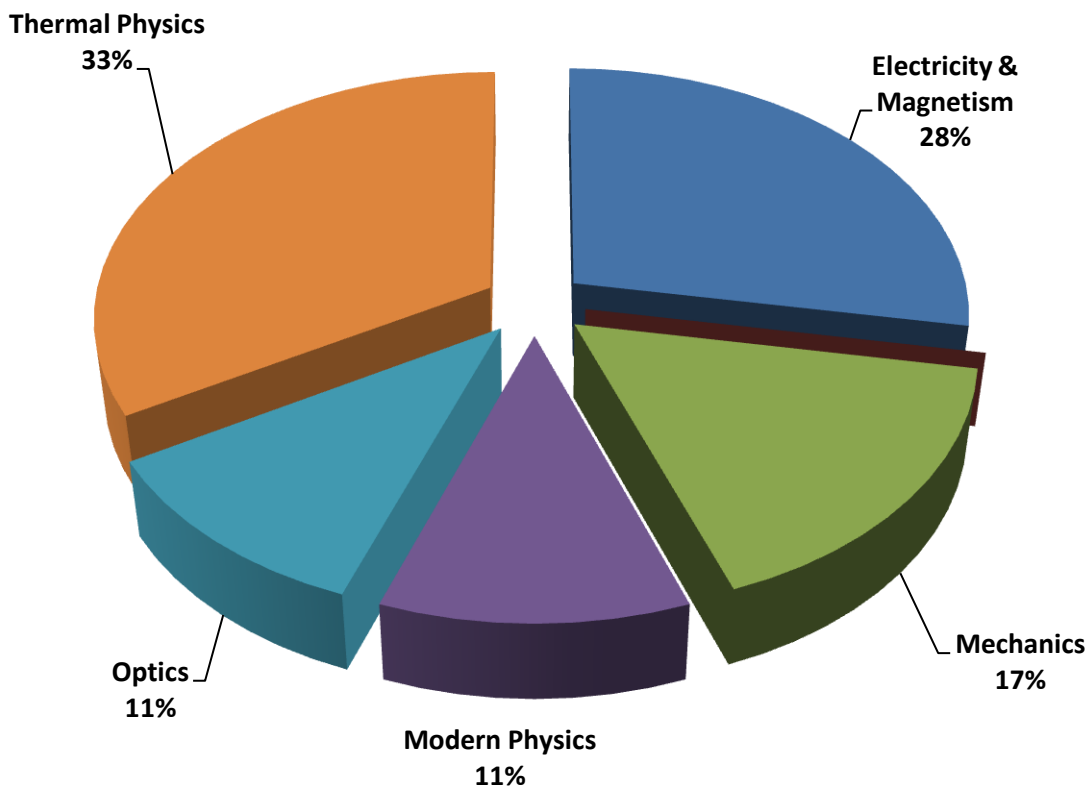
Physics difficulty level distribution



Physics class wise distribution

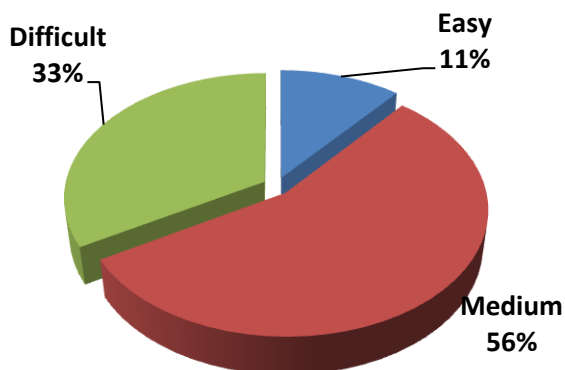


Physics topic wise distribution

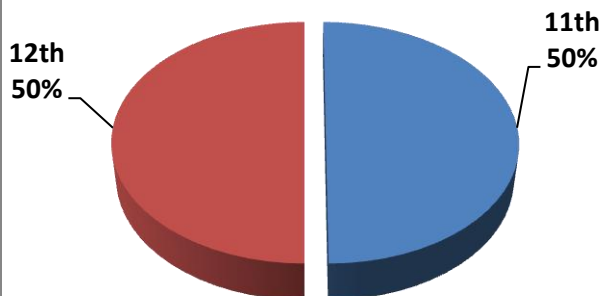


Chemistry

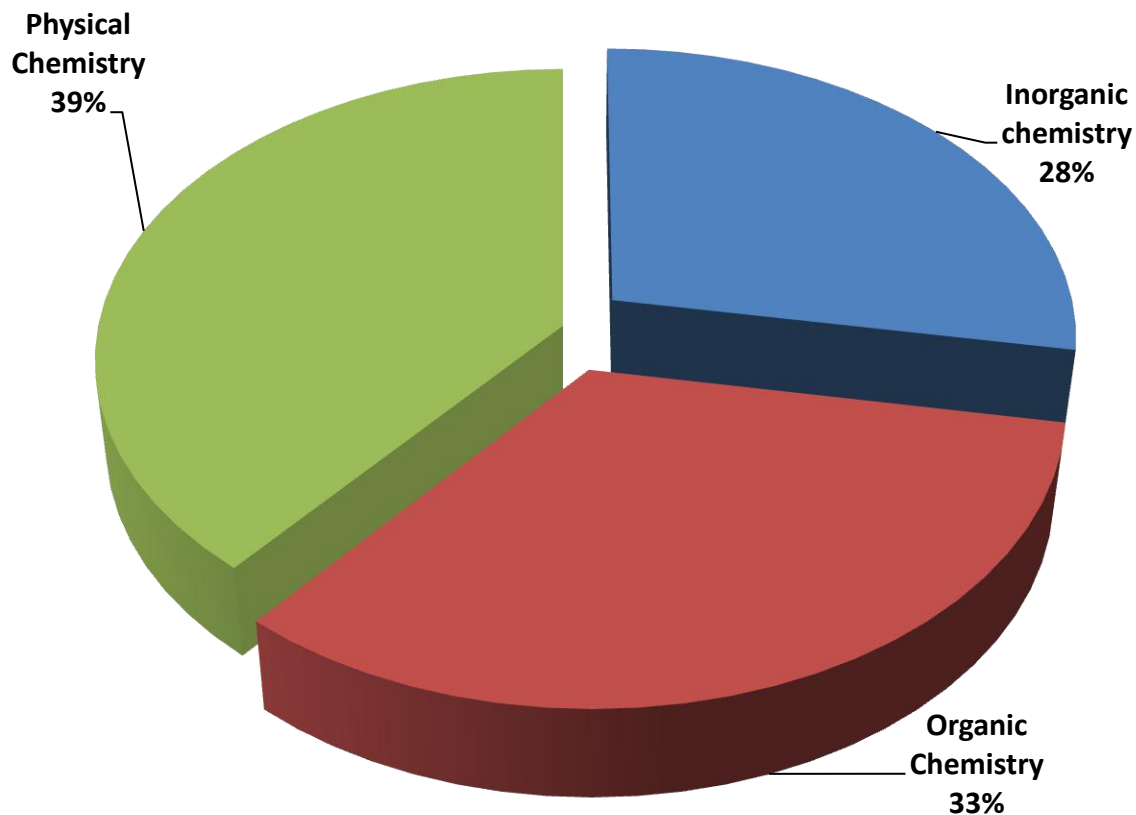
Chemistry difficulty level distribution



Chemistry class wise distribution

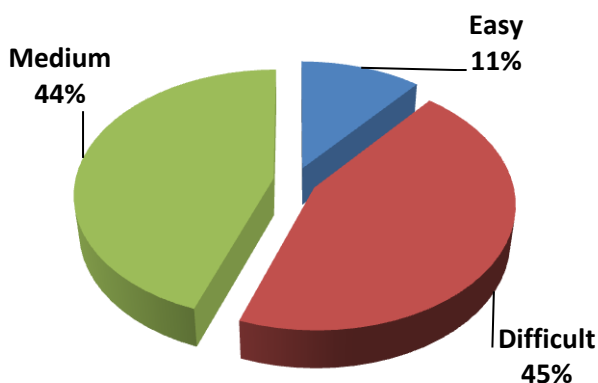


Chemistry topic wise distribution

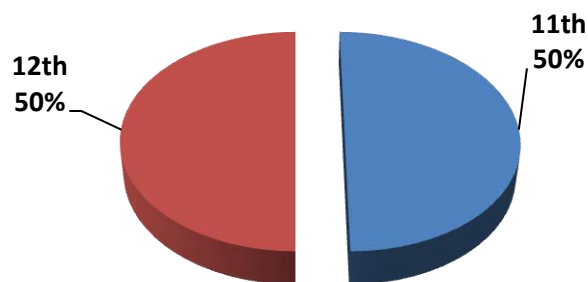


Mathematics

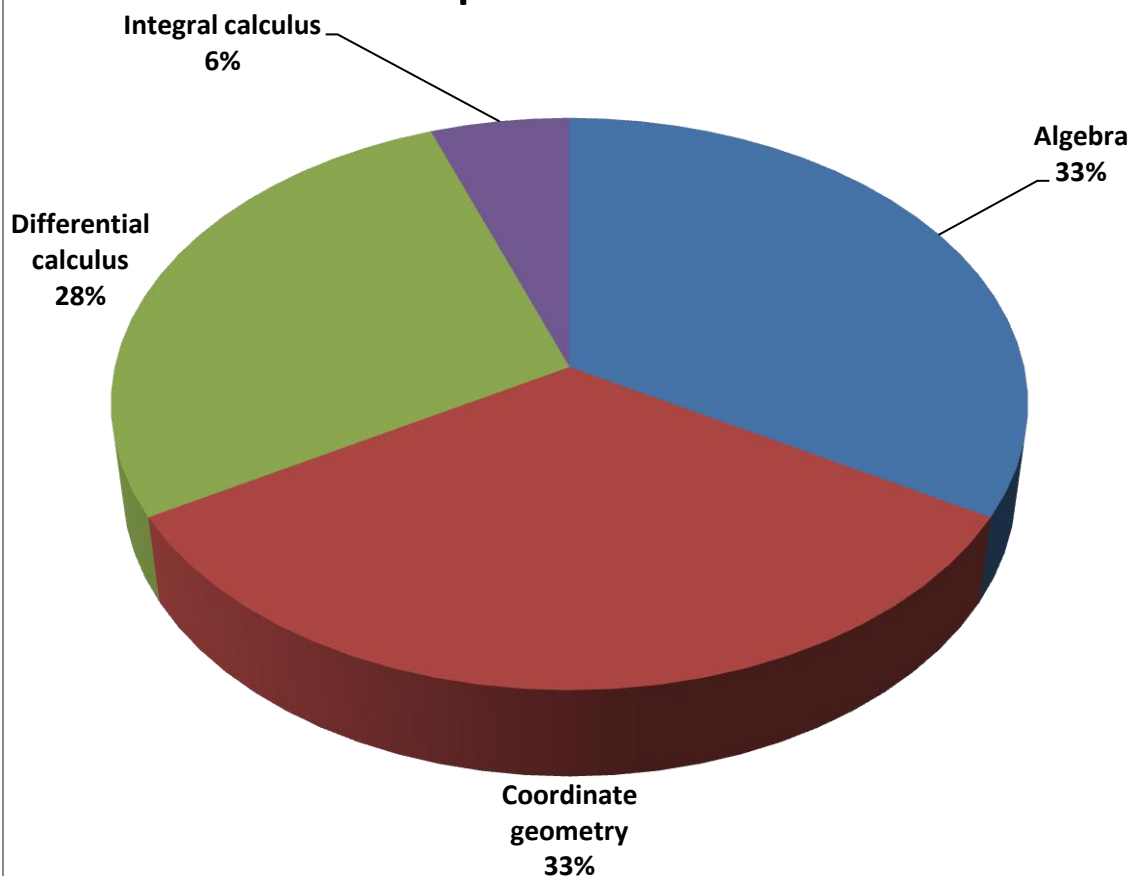
Maths difficulty level distribution



Maths class wise distribution



Maths topic wise distribution



Thanks for Downloading

New Batches for Class 12th Pass

24th May 2017 | 31st May 2017

Toll Free: 18002121799

MOTIONTM
Nurturing potential through education

H.O. : 394, Rajeev Gandhi Nagar, Kota (Raj.) Ph.: 0744-3021394
www.motioniitjee.com | Email : info@motioniitjee.com