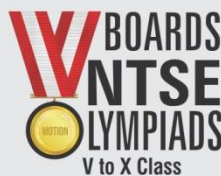


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JEE  
MAIN  
JAN  
2020

## PAPER ANALYSIS



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NTA (National Testing Agency) conducted the JEE (Joint Entrance Examination) Main from 6<sup>th</sup> January 2020 to 9<sup>th</sup> January 2020. The examination took place in two shifts. First shift from 9:30 AM to 12:30 PM and Second shift from 2:30 PM to 5:30 PM.

According to our top most JEE faculty, the exam was moderate and most of the questions were based on NCERT text books.

### Paper Format

The JEE Main exam 2020 was conducted in online mode (Computer Based Test-CBT) and paper pattern was different from last year. This year, each subject comprised of 25 questions out of which 20 were MCQs and 5 were numerical type. The question paper of JEE Main 2020 comprised of 60 multiple choice questions 20 each in Physics, Chemistry and Mathematics, each carrying a reward of 4 marks for the correct answer and deduction of 1 mark for every incorrect answer, and 15 numerical questions 5 each in Physics, Chemistry and Mathematics each carrying a reward of 4 marks for the correct answer and NO DEDUCTION for incorrect answer.

### Overall Difficulty Analysis

In JEE MAIN exam, candidates found questions from Mathematics more difficult as compared to the other two subjects –Physics and Chemistry. Questions were from various topics covering the syllabus of class 11 and 12. The tables below shows the distribution of questions from class 11 and 12 and their segregation based on level of difficulty, for all three subjects.

**Increase Your Score  
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**उत्कर्ष**  
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percentile between 97.0 to 98.99  
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**उन्नति**  
17 JAN 2020

Below 97 percentile in JEE Main (Jan-2020)  
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**उत्थान**  
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99 percentile and above  
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Fees - ₹ 11000 score 160-200 | Fees - ₹ 5500 score 200-240 | Fees - ₹ 0 score above 240

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## Analysis for Physics-

Topic	Class	Easy	Medium	Difficult	Total
General & Experimental	11th	5	2	-	7
Mechanics	11th	15	17	4	36
Waves	11th	3	3	-	6
Fluid	11th	2	2	1	5
Thermal Physics	11th	7	9	1	17
Electricity & Magnetism	12th	25	18	3	46
Optics	12th	9	5	-	14
Modern Physics	12th	6	6	-	12
Electronics	12th	5	2	-	7
<b>Total</b>					<b>150</b>

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## Analysis for Chemistry –

Topic	Class	Easy	Medium	Difficult	Total
Physical Chemistry	11th	9	19	4	32
	12th	5	13	5	23
Inorganic chemistry	11th	4	11	4	19
	12th	5	14	8	27
Organic Chemistry	11th	6	10	4	20
	12th	4	14	6	24
Miscellaneous	11th	-	3	2	5
	12th	-	-	-	0
<b>Total</b>					<b>150</b>

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## Analysis for Mathematics –

Topic	Class	Easy	Medium	Difficult	Total
Algebra	11 <sup>th</sup>	15	12	2	29
	12 <sup>th</sup>	8	13	4	25
Coordinate Geometry	11 <sup>th</sup>	4	4	-	8
	12 <sup>th</sup>	9	4	2	15
Differential Calculus	12 <sup>th</sup>	9	17	2	28
Integral Calculus	12 <sup>th</sup>	7	8	4	19
Trigonometry	11 <sup>th</sup>	1	3	-	4
	12 <sup>th</sup>	-	1	-	1
Vector	12 <sup>th</sup>	2	6	-	8
Miscellaneous	11 <sup>th</sup>	6	4	1	11
	12 <sup>th</sup>	1	1	-	2
<b>Total</b>					<b>150</b>

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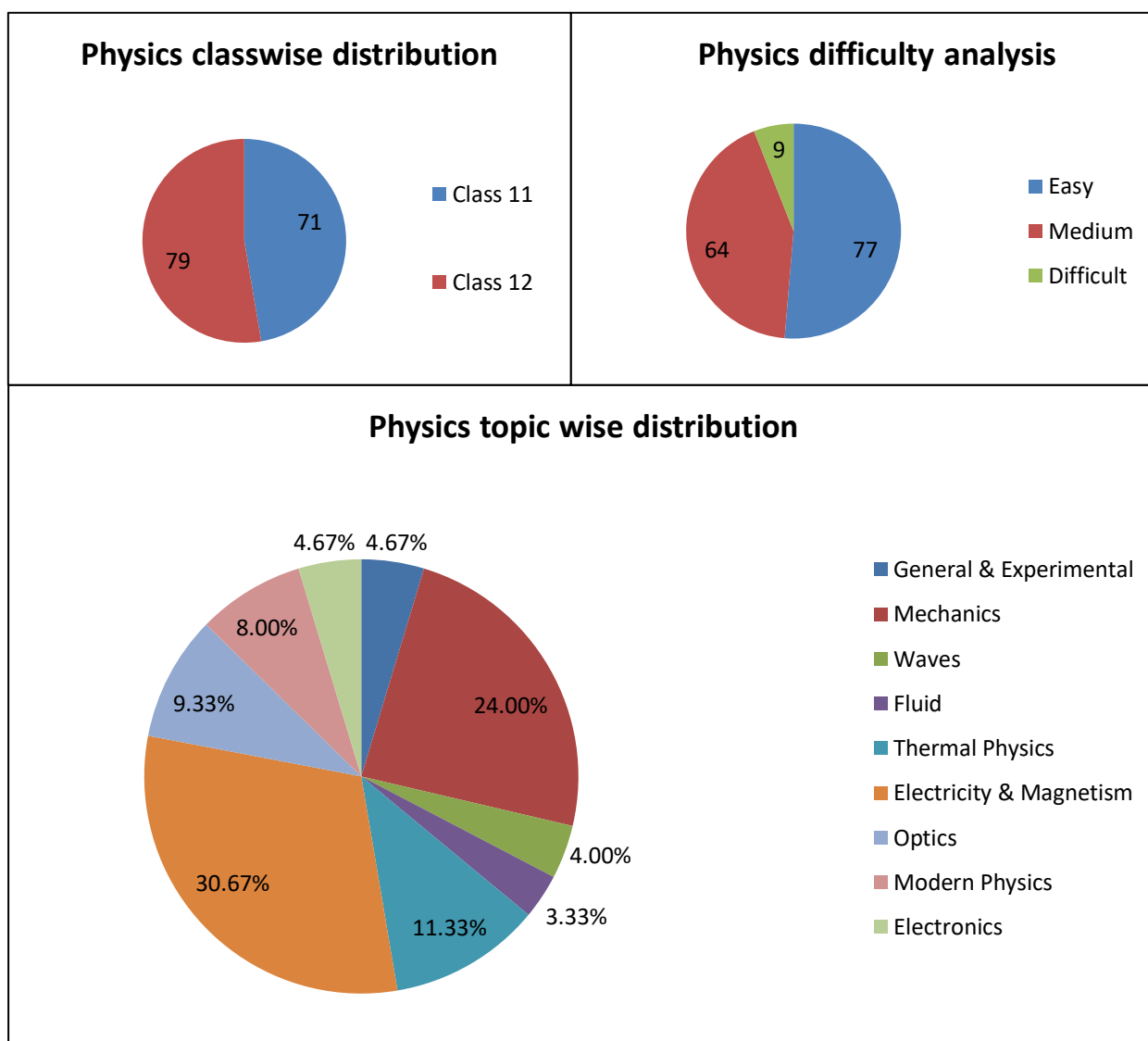
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**Subject wise analysis**

We present in the following pages a break up of questions for each of the subjects across topics, classes and difficulty.

**Physics**



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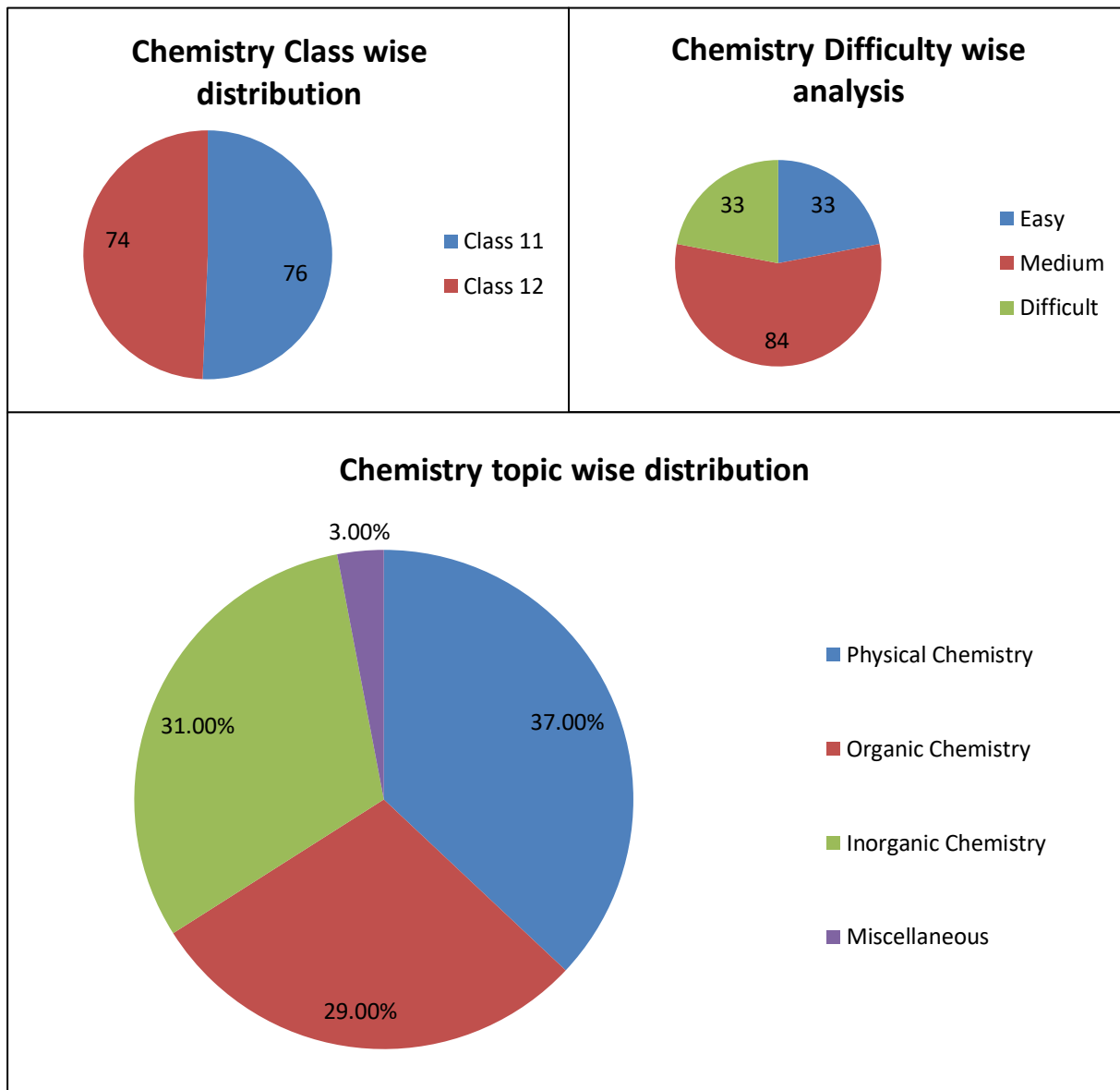
**उत्थान**  
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## Chemistry



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**उत्थान**  
17 JAN 2020

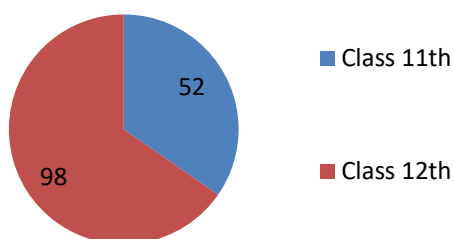
99 percentile and above  
in JEE Main (Jan-2020)

Fees - ₹ 11000 score 160-200 | Fees - ₹ 5500 score 200-240 | Fees - ₹ 0 score above 240

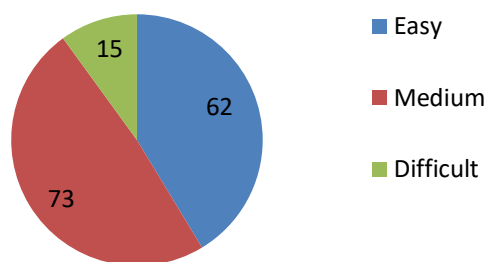
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**Mathematics**

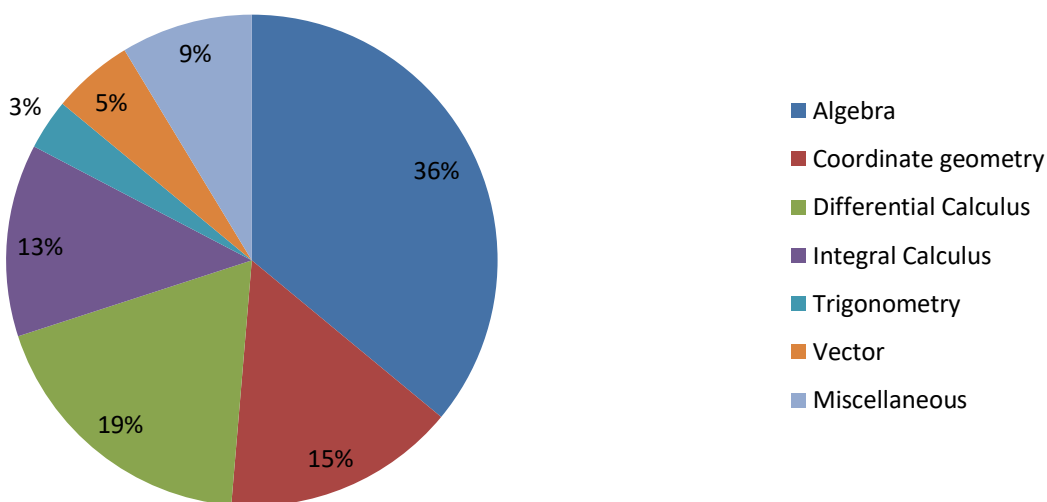
**Mathematics Class wise distribution**



**Mathematics Difficulty wise analysis**



**Mathematics topic wise distribution**



**Increase Your Score for JEE Main April 2020**

**उत्कर्ष**  
15 JAN 2020

percentile between 97.0 to 98.99 in JEE Main (Jan-2020)

Fees - ₹ 22000 Including GST

**उन्नति**  
17 JAN 2020

Below 97 percentile in JEE Main (Jan-2020)  
Tenure: 62 Days | Schedule: 5 Classes Per Day

Fees - ₹ 27500 Including GST

**उत्थान**  
17 JAN 2020

99 percentile and above in JEE Main (Jan-2020)

Fees - ₹ 11000 (score 160-200) | Fees - ₹ 5500 (score 200-240) | Fees - ₹ 0 (score above 240)



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**उत्थान** 17<sup>th</sup> JAN 2020

99 percentile and above  
in JEE Main (Jan-2020)

**उत्कर्ष** 15<sup>th</sup> JAN 2020

percentile between 97.0 to 98.99  
in JEE Main (Jan-2020)

**उन्नति** 17<sup>th</sup> JAN 2020

Below 97 percentile  
in JEE Main (Jan-2020)

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