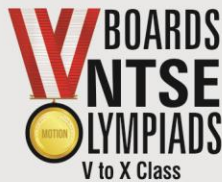


हमारा विश्वास... हर एक विद्यार्थी है खास

**JEE
MAIN
Sept.
2020**

PAPER ANALYSIS



MOTION™

H.O. : 394, Rajeev Gandhi Nagar, Kota
www.motion.ac.in | ✉: info@motion.ac.in

हमारा विश्वास... हर एक विद्यार्थी है खास

NTA (National Testing Agency) conducted the JEE (Joint Entrance Examination) Main from 2nd September 2020 to 6th September 2020. The examination took place in two shifts. First shift was from 9:00 AM to 12:00 Noon and Second shift was from 3:00 PM to 6:00 PM.

According to our top most JEE faculty, "The questions in Physics were more conceptual and application based". The Physics paper has 45 percent questions from Quantum Mechanics and rest from were from other topics. About 52 per cent of the questions were easy, 44 per cent moderate and another 4 difficult. The Chemistry, Mathematics portion were easy to crack." Overall, 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 similar to one held in January. 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. The JEE Main question paper 2020 was available in 11 different languages including English, Hindi, Urdu, and eight regional languages.

Overall Difficulty Analysis

In JEE MAIN exam, candidates felt questions from Mathematics are more difficult as compared to the other two subjects –Physics and Chemistry. The Physics section contains a total of 250 questions from class 11 and 12 syllabus. Among the total questions, 9 were difficult and tricky while 111 questions were of moderate difficulty level and remaining 130 questions were easy. The table below shows the distribution of questions from class 11 and 12 and their segregation based on difficulty, medium and easy.

Analysis for Physics-

Topic	Class	Easy	Medium	Difficult	Total
General & Experimental	11th	8	4	-	12
Mechanics	11th	35	40	7	82
Thermal Physics	11th	19	10	0	29
Electricity & Magnetism	12th	43	31	2	76
Optics	12th	11	9	-	20
Modern Physics	12th	9	11	-	20
Electronics	12th	4	6	-	10
Communication	12th	1	-	-	1
Total					250

हमारा विश्वास... हर एक विद्यार्थी है खास

Analysis for Chemistry –

Topic	Class	Easy	Medium	Difficult	Total
Physical Chemistry	11th	21	28	-	49
	12th	15	28	2	45
Inorganic chemistry	11th	10	8	1	19
	12th	17	21	12	50
Organic Chemistry	11th	2	18	2	22
	12th	3	29	13	45
Miscellaneous	11th	-	-	-	0
	12th	5	7	8	20
Total					250

Analysis for Mathematics –

Topic	Class	Easy	Medium	Difficult	Total
Algebra	11 th	22	22	4	48
	12 th	6	30	4	40
Coordinate Geometry	11 th	5	8	-	13
	12 th	11	15	-	26
Differential Calculus	12 th	19	20	7	46
Integral Calculus	12 th	9	17	7	33
Trigonometry	11 th	2	-	-	2
	12 th	-	2	-	2
Vector	12 th	3	8	-	11
Miscellaneous	11 th	13	10	6	29
	12 th	-	-	-	0
Total					250

It was observed that the difficulty level of Chemistry and Mathematics is similar to last year's paper whereas Physics paper was more conceptual and

हमारा विश्वास... हर एक विद्यार्थी है खास

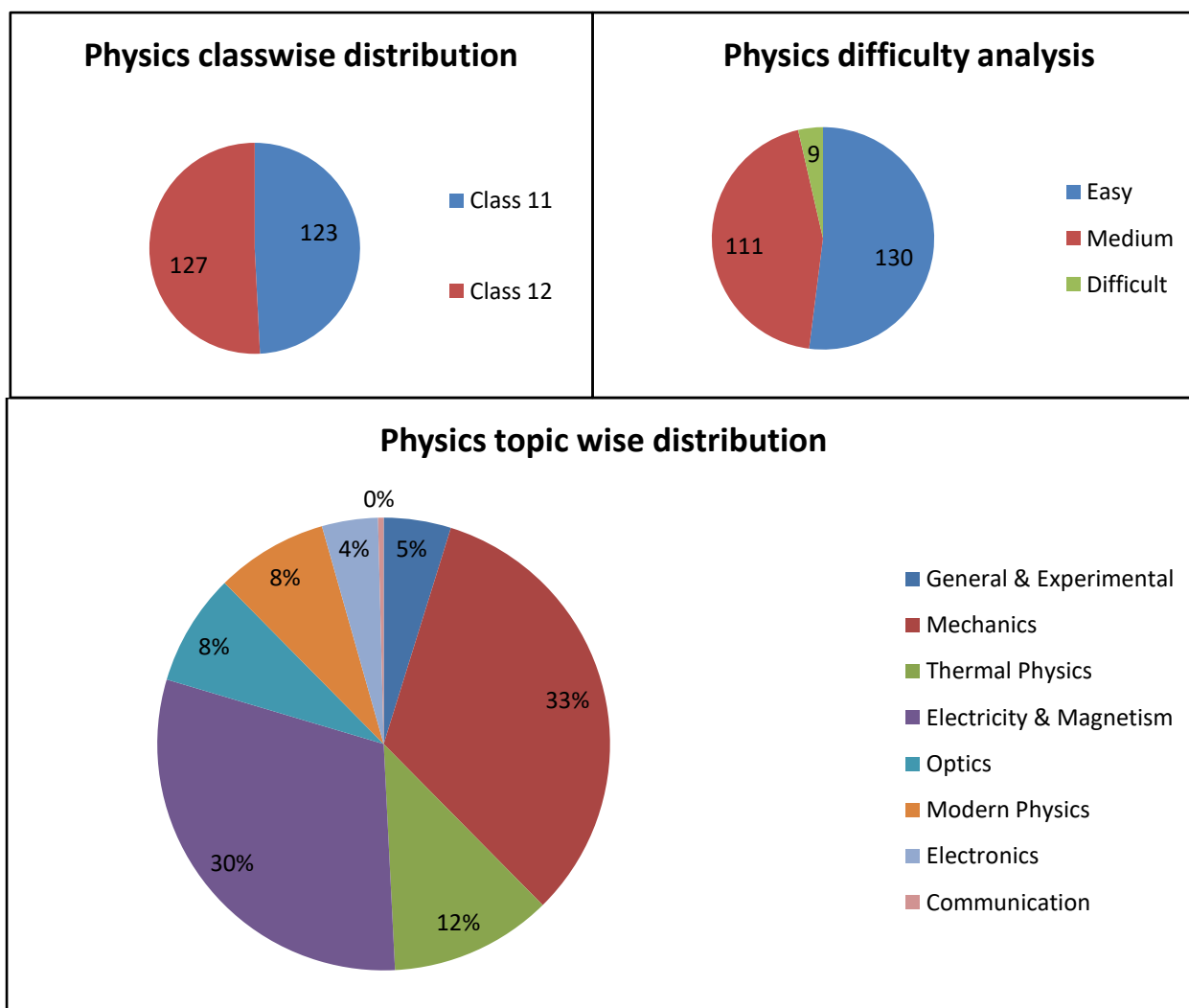
application based. Based on the above analysis, we feel that the paper was easy than the last year, therefore the cut-off should increase.

Category	2017	2018	2019(Expected)
General	131	119	135
OBC	107	96	110
SC	107	96	110
ST	107	96	110

Subject wise analysis

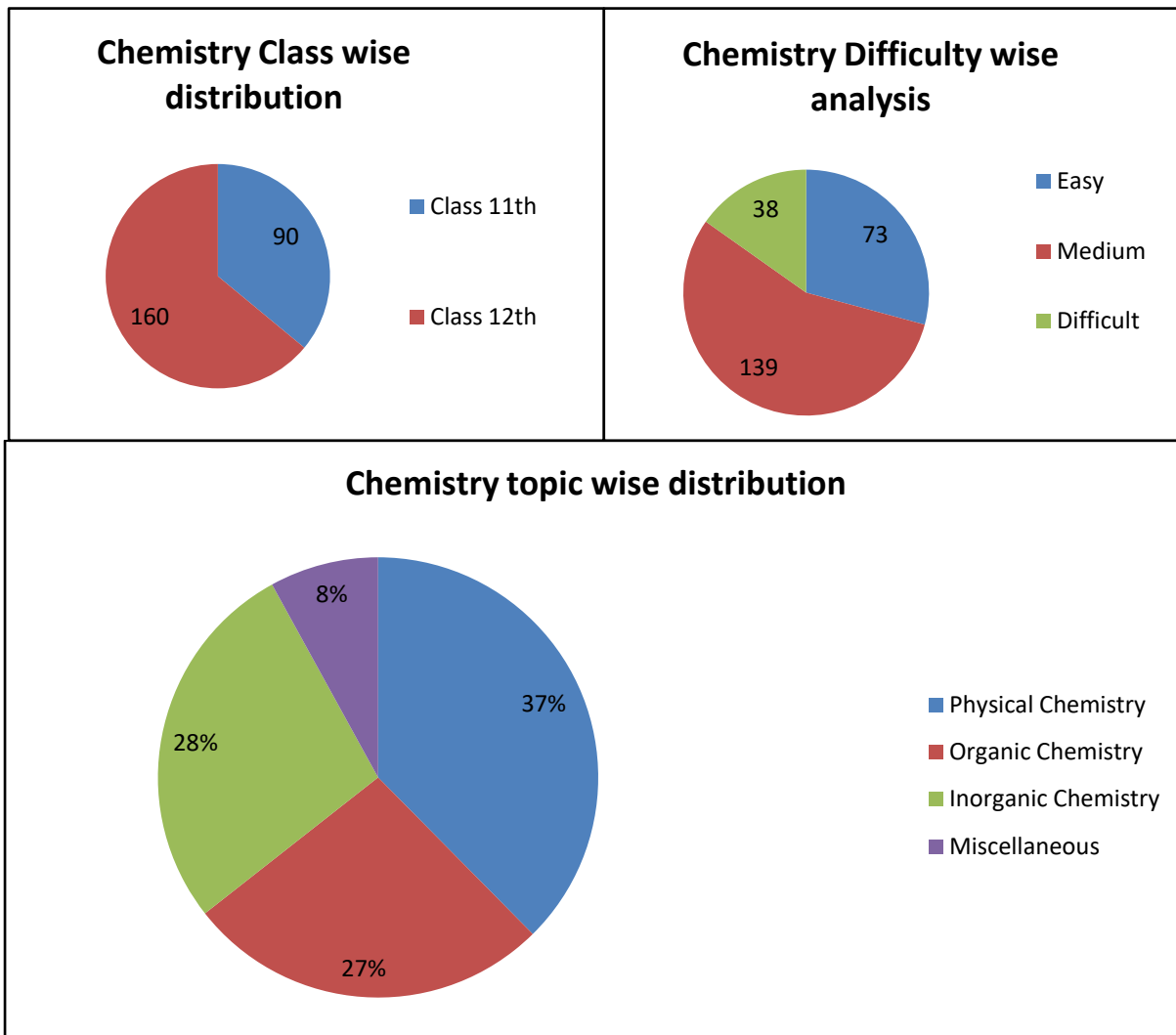
We present in the following pages a break up of questions for each of the subjects across topics, classes and difficulty.

Physics

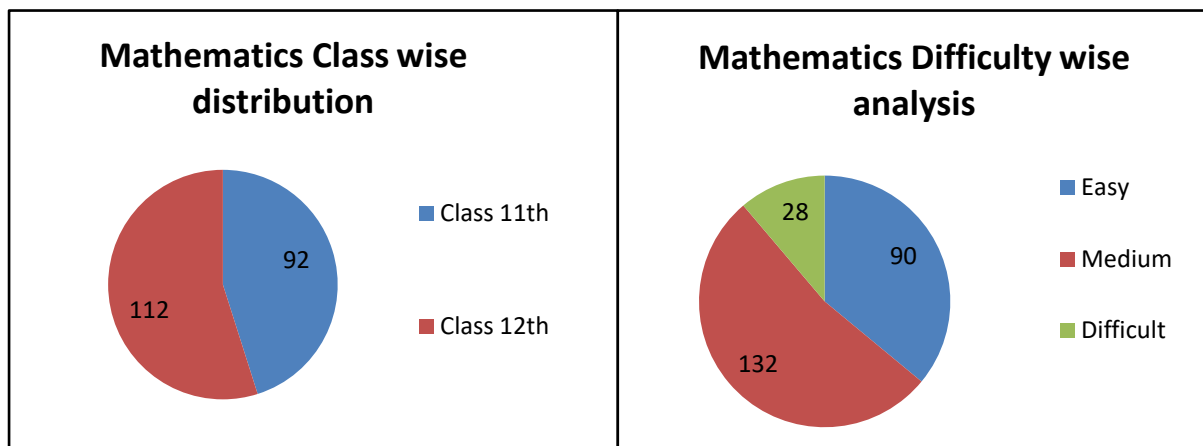


हमारा विश्वास... हर एक विद्यार्थी है खास

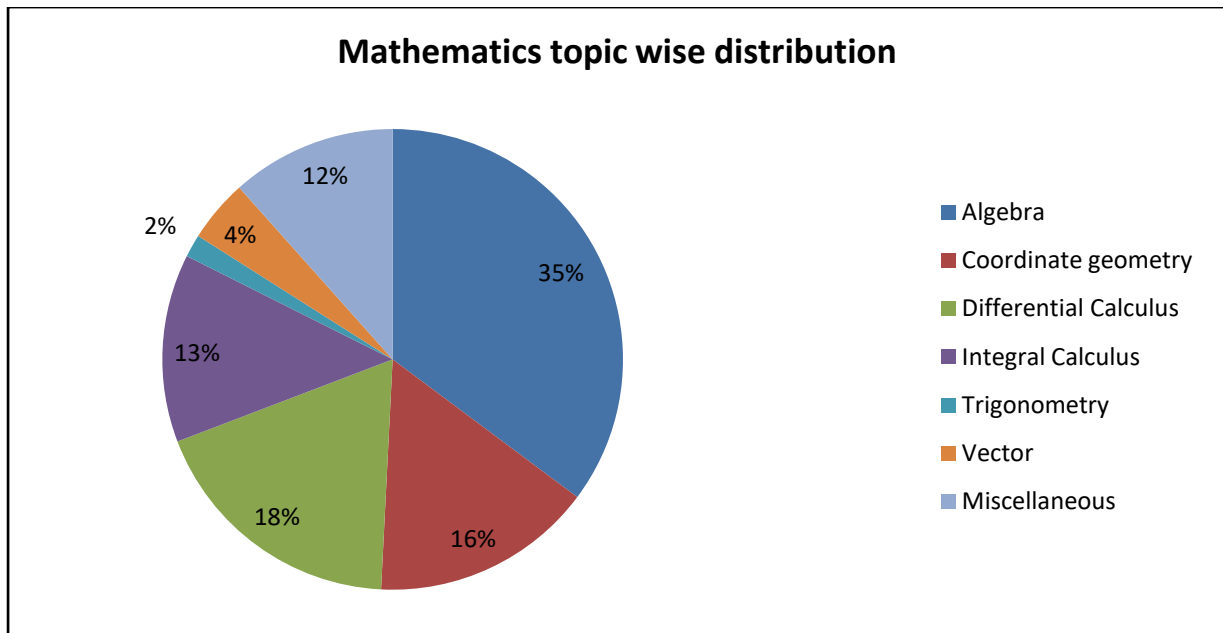
Chemistry



Mathematics



हमारा विश्वास... हर एक विद्यार्थी है खास



जब इन्होंने पूरा किया अपना सपना
तो आप भी पा सकते हैं लक्ष्य अपना

JEE MAIN RESULT 2019



Nitin Gupta

Marks
335
13th (2019)

Marks
149
12th (2018)



Shiv Modi

Marks
318
13th (2019)

Marks
153
12th (2018)



Ritik Bansal

Marks
308
13th (2019)

Marks
218
12th (2018)



Shubham Kumar

Marks
300
13th (2019)

Marks
153
12th (2018)

KOTA'S PIONEER IN DIGITAL EDUCATION

1,95,00,000+ viewers | **72,67,900+** viewing hours | **2,11,000+** Subscribers

SERVICES	SILVER	GOLD	PLATINUM
Classroom Lectures (VOD)	✓	✓	✓
Live interaction	NA	✓	✓
Doubt Support	NA	✓	✓
Academic & Technical Support	NA	✓	✓
Complete access to all content	NA	✓	✓
Classroom Study Material	NA	✓	✓
Exercise Sheets	NA	✓	✓
Recorded Video Solutions	NA	✓	✓
Online Test Series	NA	✓	✓
Revision Material	NA	✓	✓
Upgrade to Regular Classroom program	Chargeable	Chargeable	Free
Physical Classroom	NA	NA	✓
Computer Based Test	NA	NA	✓
Student Performance Report	NA	NA	✓
Workshop & Camp	NA	NA	✓
Motion Solution Lab- Supervised learning and instant doubt clearance	NA	NA	✓
Personalised guidance and mentoring	NA	NA	✓

FEE STRUCTURE

CLASS	SILVER	GOLD	PLATINUM
7th/8th	FREE	₹ 12,000	₹ 35,000
9th/10th	FREE	₹ 15,000	₹ 40,000
11th	FREE	₹ 29,999	₹ 49,999
12th	FREE	₹ 39,999	₹ 54,999
12th Pass	FREE	₹ 39,999	₹ 59,999

+ Student Kit will be provided at extra cost to Platinum Student.

- * **SILVER (Trial)** Only valid 7 DAYS or First 10 Hour's Lectures.
- ** **GOLD (Online)** can be converted to regular classroom (Any MOTION Center) by paying difference amount after lockdown.
- *** **PLATINUM (Online + Regular)** can be converted to regular classroom (Any MOTION Center) without any cost after lockdown.

New Batch Starting from :
16 & 23 September 2020

Zero Cost EMI Available