

Report Card - JEE Main Mock Test 1

Student Name:	Test Score:	Cutoff Score:	NIT Cutoff Score:
Disha Patani	142	75	180

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Section	Description
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Subject Movement	How many times you jumped the subjects
Missed Concepts	Concepts you got wrong
Physics Analysis	Question wise analysis of Physics
Chemistry Analysis	Question wise analysis of Chemistry
Mathematics Analysis	Question wise analysis of Mathematics

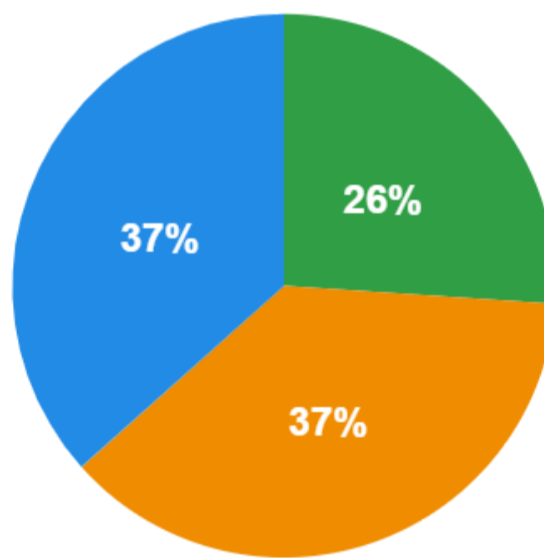
Overview ?

This is a quick snapshot of your performance measured in terms of attempts that were correct, incorrect, unattempted and questions that were not visited at all. The individual subject-wise analysis will help you gaze your performance on a subject level. The graphical analysis will further help you with a quick insight.

	Score	Correct	Incorrect	Unattempted	Not Visited
Overall	142 / 300	41 / 75	28 / 75	6 / 75	0 / 75
Physics	37 / 100	11 / 25	8 / 25	6 / 25	0 / 25
Chemistry	53 / 100	15 / 25	10 / 25	0 / 25	0 / 25
Maths	52 / 100	15 / 25	10 / 25	0 / 25	0 / 25

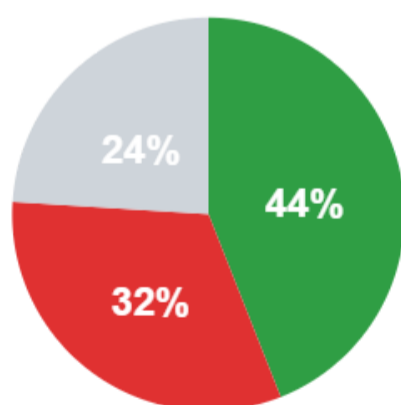
Overall

■ Physics ■ Chemistry ■ Maths



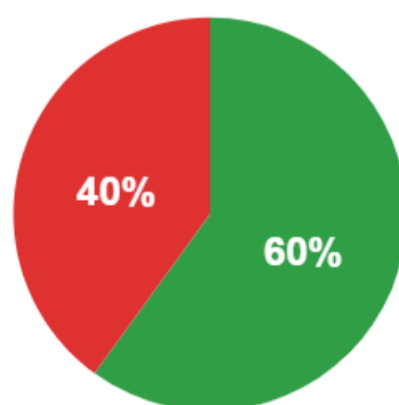
Overview of Physics

■ Correct ■ Incorrect
■ Unattempted



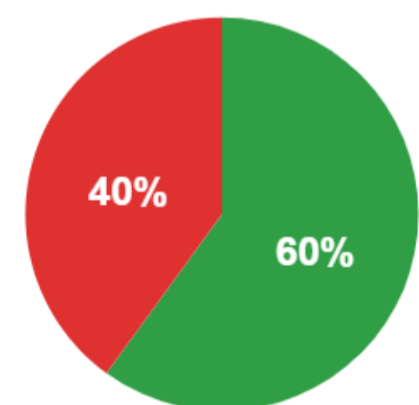
Overview of Chemistry

■ Correct ■ Incorrect
■ Unattempted



Overview of Mathematics

■ Correct ■ Incorrect
■ Unattempted



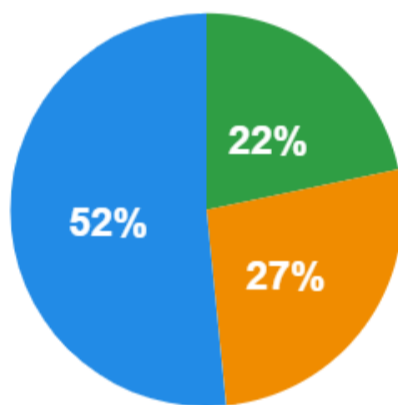
Time and Accuracy ?

Time is the most important resource in any competitive exam. And one major element of any test analysis is to check the time spent on an individual subject. This section will not only give you insight on the time spent but also the percentage attempt and accuracy at the subject level. Make sure to maintain a good balance between accuracy and time spent on a subject.

	Time Spent	Attempt (in %)	Accuracy (in %)
Overall	174 min 15 s	92.00	59.42
Physics	37 min 47 s	76.00	57.89
Chemistry	46 min 31 s	100.00	60.00
Mathematics	89 min 56 s	100.00	60.00

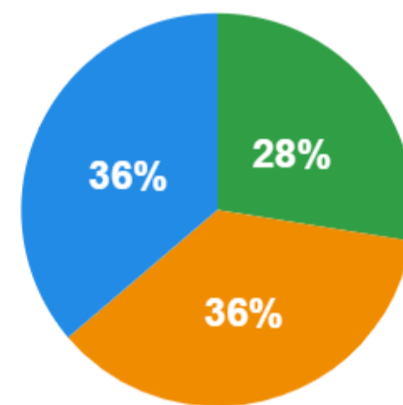
Section wise Time Spent (in min)

■ Physics ■ Chemistry
■ Mathematics

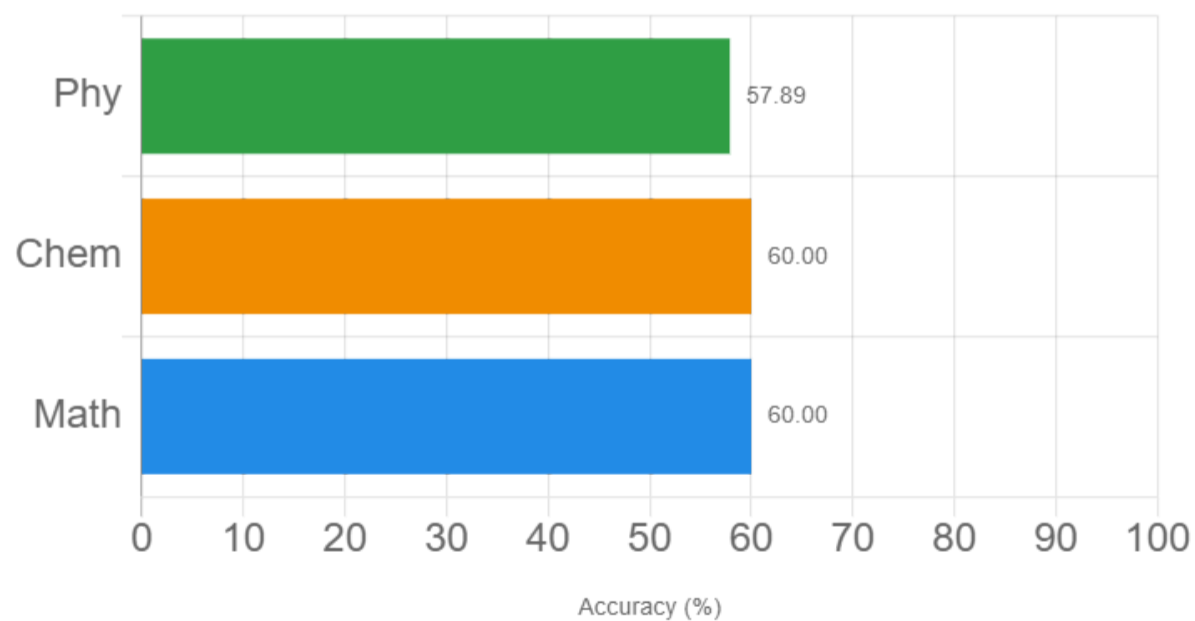


Attempts

■ Physics ■ Chemistry
■ Mathematics



Accuracy



Attempts ?

The report has categorized your attempts as follows:

Perfect Attempts: Correct attempt solved in time

Wasted Attempts: Incorrect attempt and solved very quickly

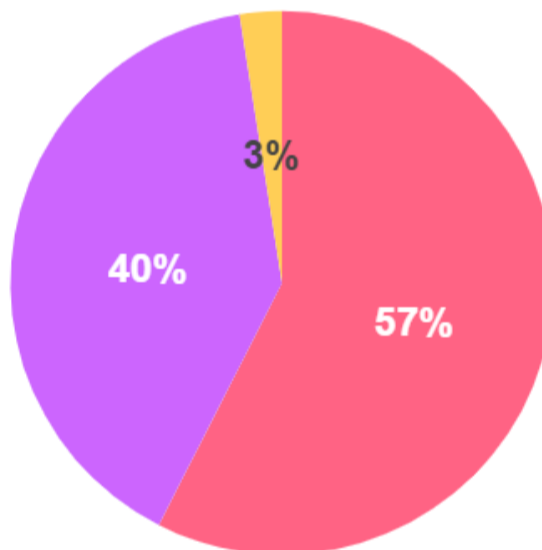
Overtimed Attempts: Incorrect attempt and solved in time greater than the allotted time

Confused Attempts: Unattempted but the time spent greater than the suggested time

	Perfect	Wasted	Overtime	Confused
Overall	23	0	16	1
Physics	6	0	4	1
Chemistry	9	0	6	0
Mathematics	8	0	6	0

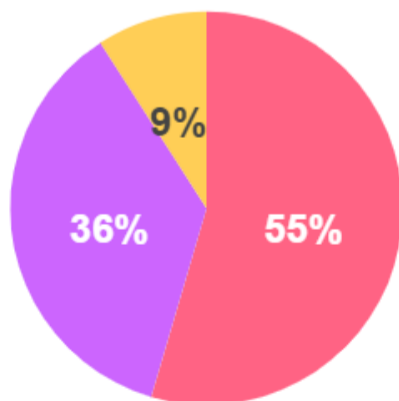
All Attempts

Perfect Wasted Overtimed Confused



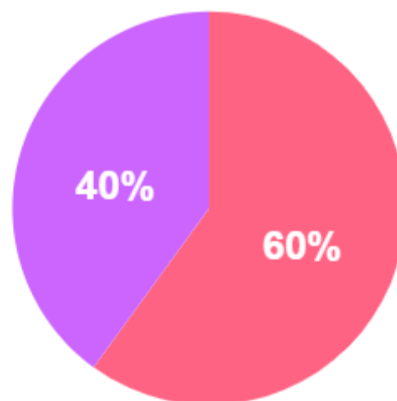
Physics Attempts

Perfect Wasted Overtimed Confused



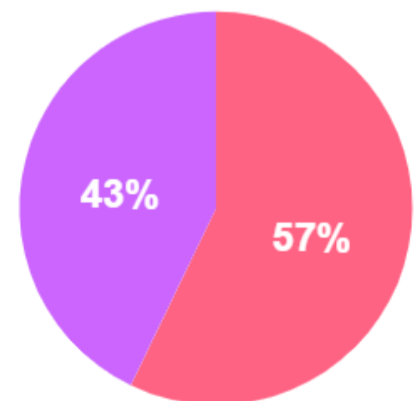
Chemistry Attempts

Perfect Wasted Overtimed Confused



Mathematics Attempts

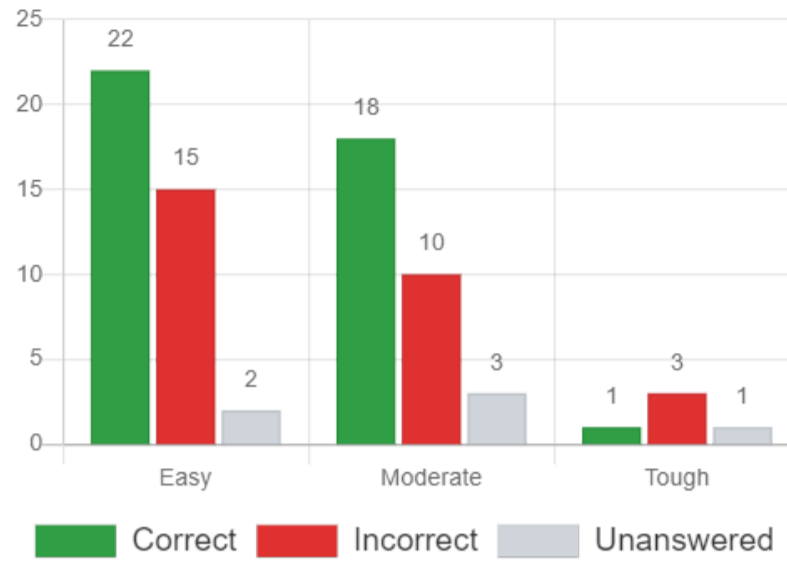
Perfect Wasted Overtimed Confused



Difficulty Analysis ?

Every exam contains 3 category of questions Easy, Moderate and Tough. And it is important to make sure that you have a high accuracy in the first two, i.e. easy and moderate difficulty questions. This section will help you visualize the same on every subject level.

Overall Difficulty Analysis



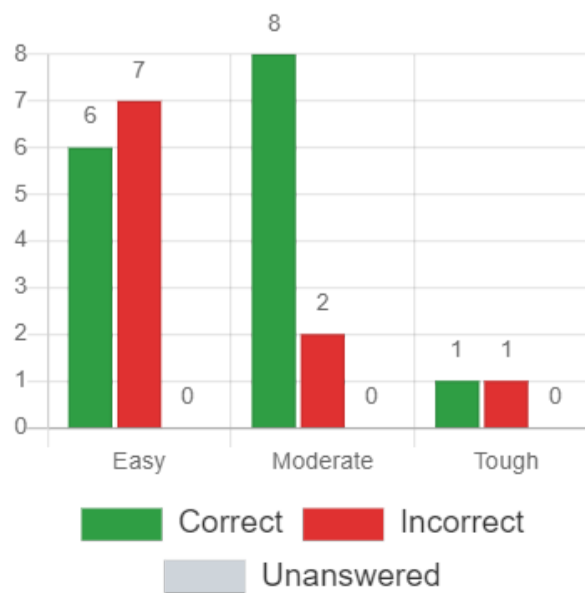
Physics Difficulty Analysis



Chemistry Difficulty Analysis



Maths Difficulty Analysis



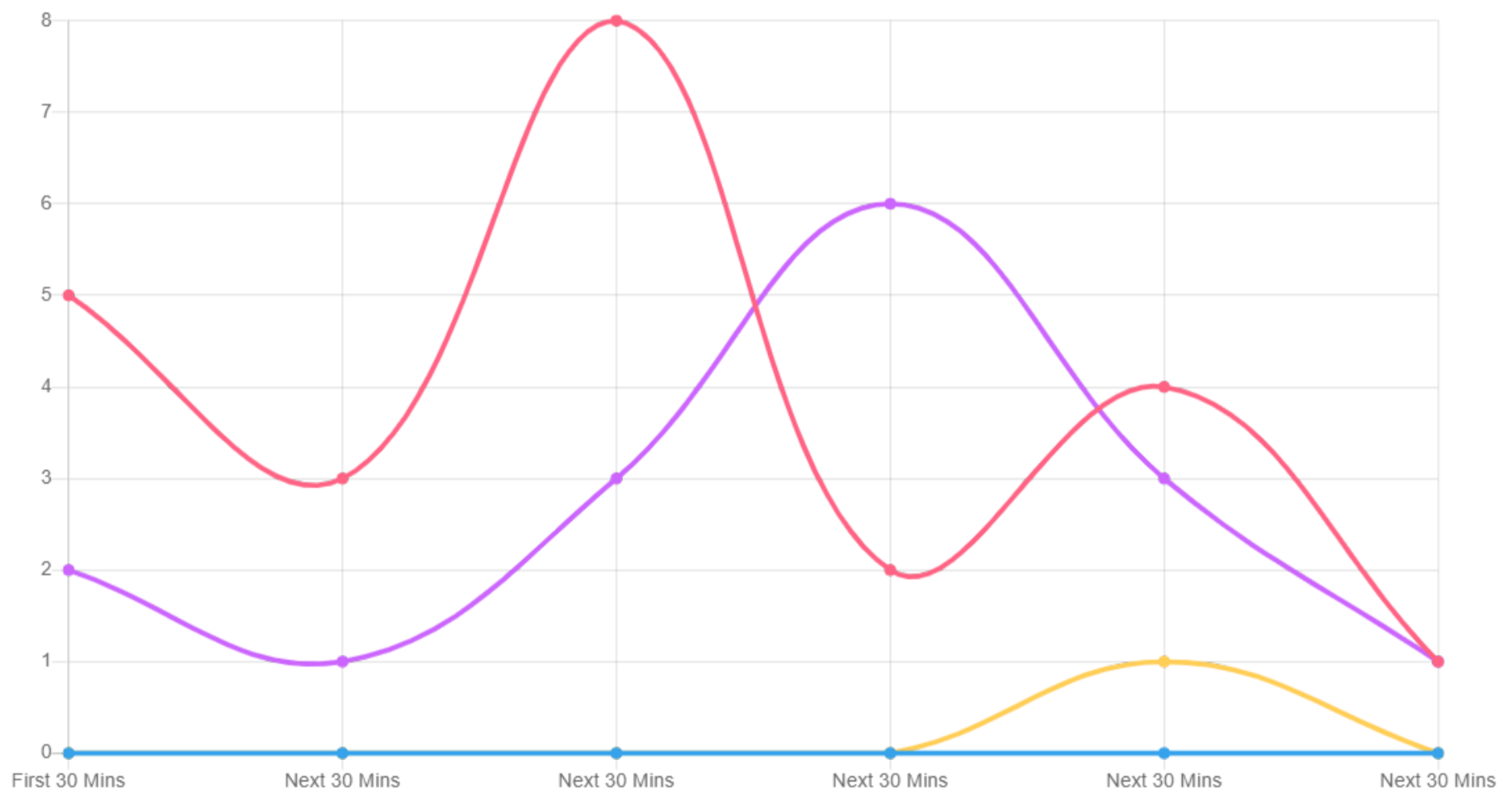
Time Travel ?

This section will help you see where you lose attention and at what time moment you started committing more than usual errors if any. The section will provide you insight on every 30-minute interval after the initial one hour of time spent. You will get to know how your 4 different attempts vary as time progresses in the exam.

	Perfect	Wasted	Overtimed	Confused
First 30 mins	5	0	2	0
Next 30 min	8	0	3	0
Next 30 min	8	0	3	0
Next 30 min	2	0	6	0
Next 30 min	4	0	3	1
Next 30 min	1	0	1	0

Your Journey of 3 Hours

Perfect Attempts Wasted Attempts Overtimed Attempts Confused Attempts



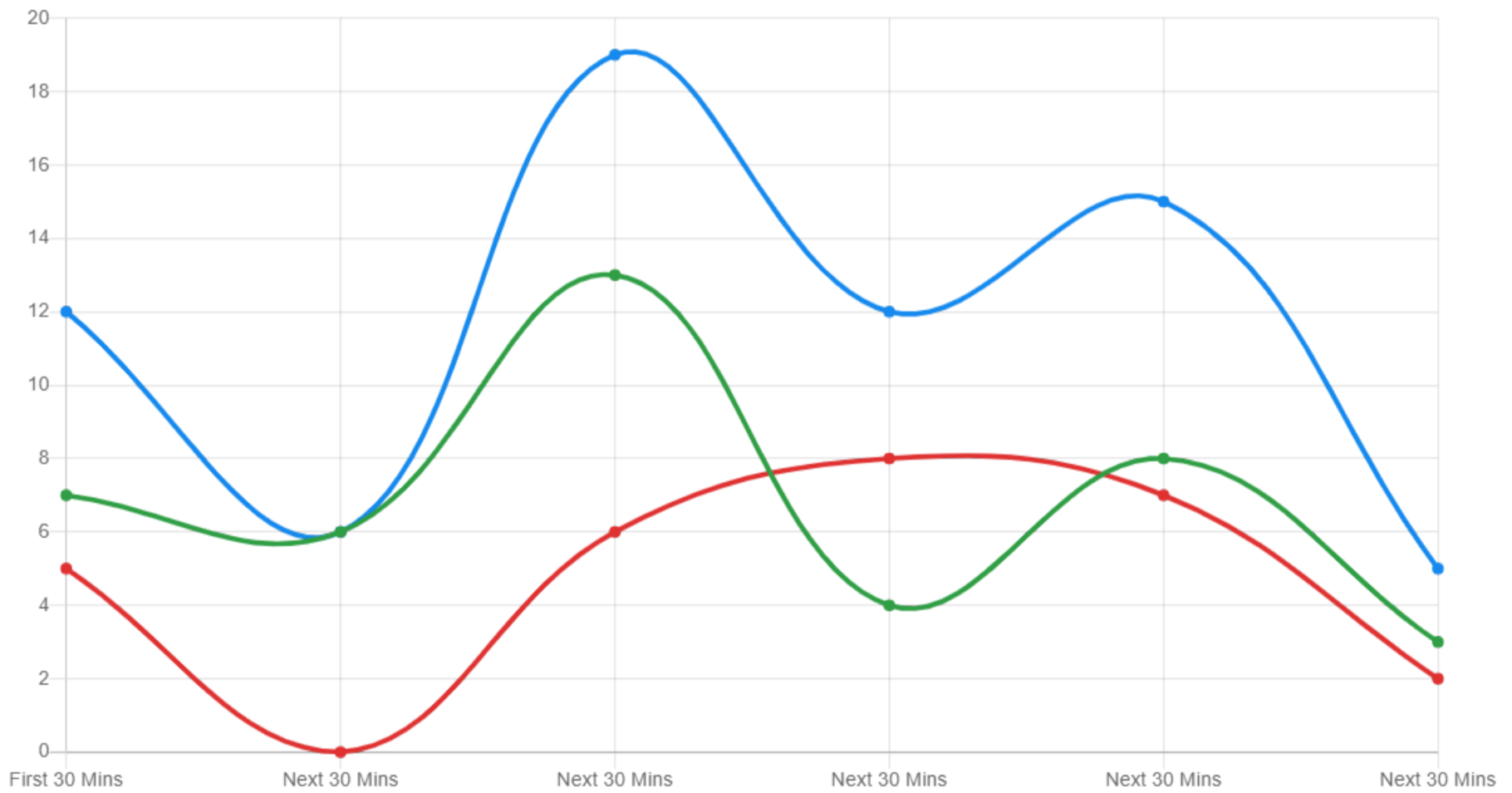
Attempts Over the 3 Hours ?

This section will help you see where you attempted the most number of correct and incorrect questions as time progressed. This way you can find out when you were more focused and when you started to lose focus.

	Correct	Incorrect	Overall
First 30 mins	7	5	12
Next 30 min	6	0	6
Next 30 min	13	6	19
Next 30 min	4	8	12
Next 30 min	8	7	15
Next 30 min	3	2	5

Attempts Over the 3 Hours

Correct Attempts Incorrect Attempts Overall Attempts



Painful Questions ?

Ouch! Questions that were easy but you spent more than the allotted time on them.

Physics

10 , 15 , 25

Chemistry

32 , 46

Mathematics

52 , 66 , 72 , 74

Subject Movement

This section will tell you how you traversed each subject at what time duration. This will help you manage your time better by checking the number of shifts you made between the subjects and time spent between these switches.

Order	Subject	Time Spent
1	Physics	3 sec
2	Maths	56 min 44 sec
3	Physics	3 sec
4	Maths	7 min 34 sec
5	Chemistry	4 sec
6	Physics	4 sec
7	Chemistry	12 min 59 sec
8	Maths	1 sec
9	Chemistry	19 min 26 sec
10	Maths	4 min 36 sec
11	Chemistry	32 sec
12	Maths	3 sec
13	Chemistry	14 min 12 sec
14	Physics	37 min 25 sec
15	Chemistry	3 sec
16	Physics	16 sec
17	Maths	25 min 32 sec

Missed Concepts

This section will list all the concepts you got wrong in the exam on an individual subject level. This information becomes relevant for you as you will now need to spend some time brushing up the concept.

Physics

Concept
Escape Velocity
Torque
Instantaneous Velocity
Speed of Light in Medium
Conservation of Momentum
Ideal Gas Equation
Velocity of EM Waves
Joules Law of Heating

Chemistry

Concept
Paramagnetism
Reagents for Different Groups
Acid Base Equilibrium
Proteins
Conductivity
Dipole Moment
Outer Orbital Complexes
Aromatic Isomers
Huckel Rule

Maths

Concept
Integration of Trigonometric Functions
General Term
Angle Bisector and Coplanarity
Monotonicity
Properties of Definite Integrals

Concept

Transformation Formulas

Section Formula

Chord With Given Mid Point

Heights and Distances

Area Between Curves

Physics Analysis

QNo	Chapter	Concept	Difficulty	Alloted	Spent	Attempted	Answer	Overview
1	Fluid Mechanics	Escape Velocity	Moderate	2 min	2 min 23 s	Yes	Incorrect	Overtimed
2	Properties of Matter	Hookes Law	Easy	1 min	57 s	Yes	Correct	Perfect
3	Gravitation	Keplers Laws	Easy	1 min 30 s	2 min 21 s	Yes	Correct	-
4	Electrostatics	Coulombs Law	Easy	2 min	3 min 27 s	Yes	Correct	-
5	Capacitance	Effective Capacitance	Moderate	2 min 30 s	1 min 21 s	Yes	Correct	Perfect
6	Electrostatics	Electric Field	Tough	3 min 30 s	28 s	No	-	-
7	Rotational Motion	Torque	Moderate	2 min	1 min 12 s	Yes	Incorrect	-
8	Units and Dimensions	Dimensional Analysis	Easy	1 min	38 s	Yes	Correct	Perfect
9	Motion in Two Dimension	Instantaneous Velocity	Moderate	2 min	3 min 19 s	Yes	Incorrect	Overtimed
10	Wave Optics	Speed of Light in Medium	Easy	1 min 30 s	2 min 16 s	Yes	Incorrect	Overtimed
11	Semiconductors	Semiconductor Devices	Easy	1 min 30 s	22 s	Yes	Correct	Perfect
12	Nuclear Physics	Conservation of Momentum	Easy	2 min	36 s	Yes	Incorrect	-
13	Heat Transfer	Carnot Engine	Moderate	2 min 30 s	2 min 8 s	Yes	Correct	Perfect
14	Thermodynamics	Ideal Gas Equation	Moderate	2 min	55 s	Yes	Incorrect	-
15	Waves and Sound	Wave Equation	Easy	1 min	1 min 51 s	No	-	Confused
16	Work Power and Energy	Circular Motion	Moderate	2 min 30 s	3 min 15 s	Yes	Correct	-
17	Magnetic Effects of Current	Magnetic Energy	Easy	1 min	56 s	No	-	-
18	AC	RMS Voltage	Moderate	2 min 30 s	1 min 37 s	No	-	-
19	EM Waves	Velocity of EM Waves	Easy	1 min 30 s	1 min 12 s	Yes	Incorrect	-
20	Atomic Physics	Number of Spectral Lines	Easy	1 min 30 s	2 min 2 s	Yes	Correct	-
21	Electrostatics	Force Due to Potential Drop	Moderate	3 min	27 s	No	-	-
22	Fluid Mechanics	Manometer	Moderate	2 min	0 s	No	-	-
23	Ray Optics	Prism	Moderate	2 min	2 min 1 s	Yes	Correct	-
24	Newtons Laws of Motion	Limiting Friction	Moderate	2 min	1 min 56 s	Yes	Correct	Perfect
25	Current Electricity	Joules Law of Heating	Easy	2 min	5 min 17 s	Yes	Incorrect	Overtimed

Chemistry Analysis

QNo	Chapter	Concept	Difficulty	Alloted	Spent	Attempted	Answer	Overview
26	Chemical Bonding	Pi Bonding	Easy	1 min	3 min 43 s	Yes	Correct	-
27	d and f Block Elements	Paramagnetism	Moderate	2 min	2 min 28 s	Yes	Incorrect	Overtimed
28	Qualitative Analysis	Reagents for Different Groups	Easy	1 min	25 s	Yes	Incorrect	-
29	Organic Compounds Containing Nitrogen	Reduction and Oxidation of Amides	Moderate	2 min	2 min 0 s	Yes	Correct	Perfect
30	Periodic Table and Periodicity	Ionization Potential	Easy	1 min 30 s	1 min 26 s	Yes	Correct	Perfect
31	Chemical Kinetics	Rate Law	Easy	1 min	1 min 2 s	Yes	Correct	-
32	Ionic Equilibrium	Acid Base Equilibrium	Easy	1 min 30 s	2 min 52 s	Yes	Incorrect	Overtimed
33	Aldehydes and Ketones	Tollens Test	Easy	1 min	1 min 45 s	Yes	Correct	-
34	Biomolecules	Proteins	Moderate	2 min	20 s	Yes	Incorrect	-
35	s Block Elements	Reactions of Sodium Carbonate	Easy	1 min 30 s	1 min 13 s	Yes	Correct	Perfect
36	Electrochemistry	Conductivity	Moderate	1 min 30 s	2 min 52 s	Yes	Incorrect	Overtimed
37	Solutions and Colligative Properties	Vant Hoff Factor	Easy	1 min 30 s	39 s	Yes	Correct	Perfect
38	Alcohols Phenols and Ethers	Bromination of Phenol	Moderate	1 min	12 s	Yes	Correct	Perfect
39	Polymers	Catalysts	Easy	1 min	47 s	Yes	Correct	Perfect
40	Chemical Bonding	Dipole Moment	Easy	1 min 30 s	51 s	Yes	Incorrect	-
41	Chemical Thermodynamics	Entropy	Easy	1 min	2 min 7 s	Yes	Correct	-
42	Hydrocarbons	Ozonolysis	Easy	2 min	36 s	Yes	Correct	Perfect
43	d and f Block Elements	Reactions of KMnO4	Moderate	1 min 30 s	21 s	Yes	Correct	Perfect
44	Chemical Kinetics	Radioactivity	Moderate	2 min	2 min 27 s	Yes	Correct	-
45	Coordination Compounds	Outer Orbital Complexes	Tough	3 min	5 min 58 s	Yes	Incorrect	Overtimed
46	Gaseous State	Ideal Gas Equation	Easy	1 min 30 s	2 min 37 s	Yes	Incorrect	Overtimed
47	Isomerism of Organic Compounds	Aromatic Isomers	Moderate	2 min 30 s	3 min 5 s	Yes	Incorrect	Overtimed
48	Hydrogen	Volume Strength	Easy	1 min 30 s	31 s	Yes	Correct	Perfect
49	General Organic Chemistry	Huckel Rule	Tough	3 min	1 min 25 s	Yes	Incorrect	-
50	Stoichiometry	Equivalent Weight	Moderate	2 min 30 s	4 min 34 s	Yes	Correct	-

Mathematics Analysis

QNo	Chapter	Concept	Difficulty	Alloted	Spent	Attempted	Answer	Overview
51	Complex Numbers	Algebra of Complex Numbers	Easy	1 min 30 s	1 min 42 s	Yes	Correct	-
52	Indefinite Integration	Integration of Trigonometric Functions	Easy	2 min 30 s	3 min 5 s	Yes	Incorrect	Overtimed
53	Inverse Trigonometric Functions	Double Angle Formulas	Easy	2 min	3 min 29 s	Yes	Correct	-
54	Binomial Theorem	General Term	Moderate	3 min	3 min 42 s	Yes	Incorrect	Overtimed
55	Vector Algebra	Angle Bisector and Coplanarity	Moderate	3 min 30 s	2 min 31 s	Yes	Incorrect	-
56	Trigonometric Equations and Inequations	Inequations	Moderate	3 min	2 min 7 s	Yes	Correct	Perfect
57	Limits	L Hospitals Rule	Moderate	2 min	2 min 23 s	Yes	Correct	-
58	Application of Derivatives	Monotonicity	Easy	2 min	1 min 21 s	Yes	Incorrect	-
59	Functions	Domain	Easy	1 min 30 s	1 min 15 s	Yes	Correct	Perfect
60	Definite Integration	Properties of Definite Integrals	Tough	4 min	5 min 18 s	Yes	Incorrect	Overtimed
61	Quadratic Equations	Relation Between Roots and Coefficient of Quadratic	Moderate	2 min 30 s	1 min 52 s	Yes	Correct	Perfect
62	Continuity and Differentiability	Continuity at a Point	Easy	2 min	2 min 0 s	Yes	Correct	Perfect
63	Trigonometric Ratios	Transformation Formulas	Easy	1 min 30 s	39 s	Yes	Incorrect	-
64	Application of Derivatives	Tangents and Normals	Moderate	2 min 30 s	2 min 22 s	Yes	Correct	Perfect
65	Matrices and Determinants	System of Equations	Easy	3 min	1 min 49 s	Yes	Correct	Perfect
66	Point and Straight Line	Section Formula	Easy	2 min	2 min 6 s	Yes	Incorrect	Overtimed
67	Vector 3D	Foot of Perpendicular	Tough	4 min	5 min 30 s	Yes	Correct	-
68	Functions	Composite Function	Easy	1 min 30 s	1 min 12 s	Yes	Correct	Perfect
69	Probability	Conditional Probability	Moderate	3 min 30 s	3 min 41 s	Yes	Correct	-
70	Hyperbola	Chord With Given Mid Point	Easy	1 min 30 s	37 s	Yes	Incorrect	-
71	Permutation and Combination	Dictionary	Moderate	2 min 30 s	7 min 15 s	Yes	Correct	-
72	Heights and Distances	Heights and Distances	Easy	2 min	18 min 56 s	Yes	Incorrect	Overtimed
73	Sequences and Series	AM GM Inequality	Moderate	2 min	6 min 24 s	Yes	Correct	-
74	Area Under Curves	Area Between Curves	Easy	3 min	6 min 18 s	Yes	Incorrect	Overtimed

QNo	Chapter	Concept	Difficulty	Alloted	Spent	Attempted	Answer	Overview
75	Ellipse	Latus Rectum	Moderate	3 min 30 s	2 min 11 s	Yes	Correct	Perfect