



Full Test - 1 (with Video Solutions)

JEE Main 2022 Full Test Series

SUMMARY OF MARKS SCORED IN THE TEST

Overview

SCORE

203/300

ACCURACY

89%

QS ATTEMPTED

58/75

TIME TAKEN

163/180 min

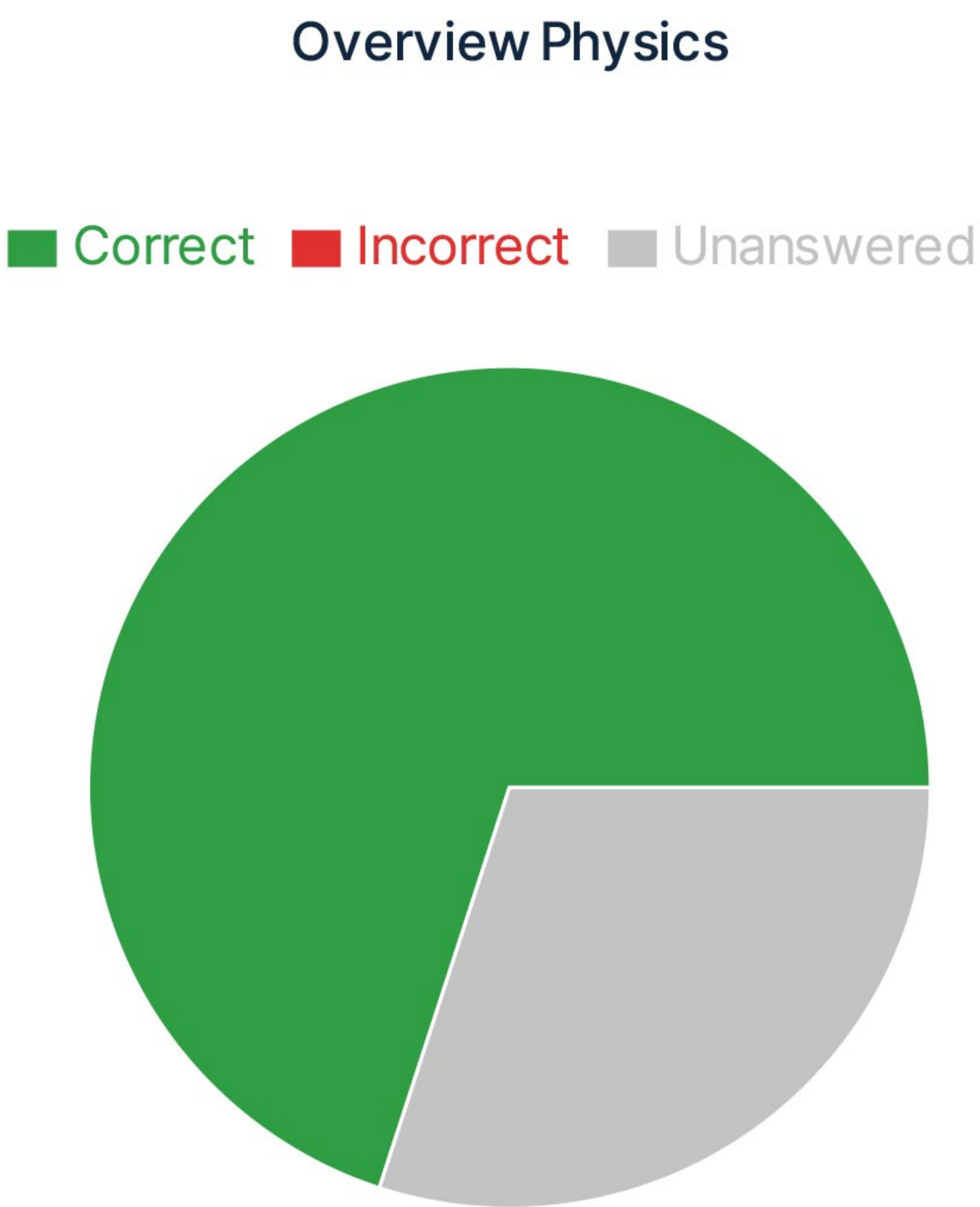
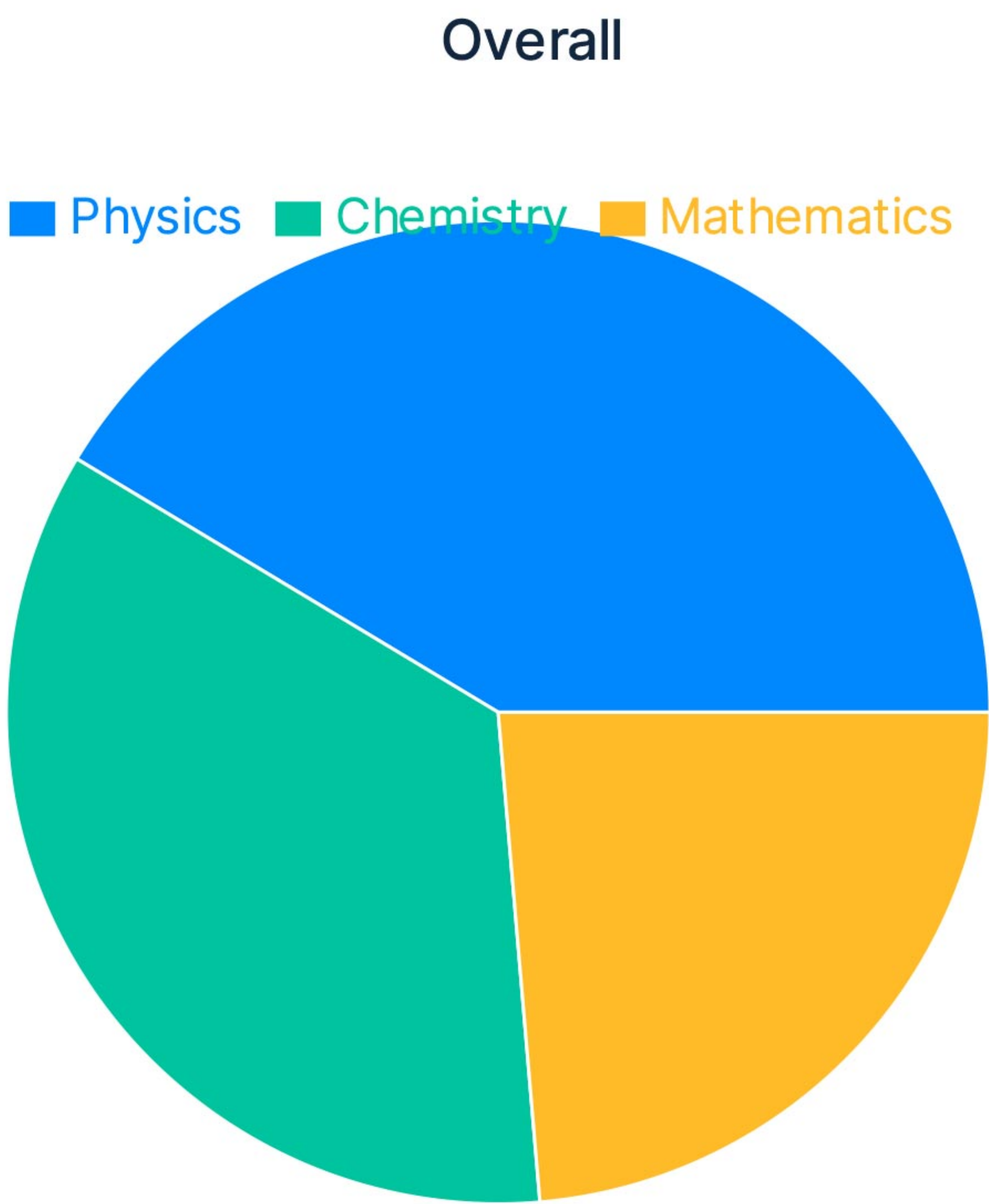
Analysis

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.

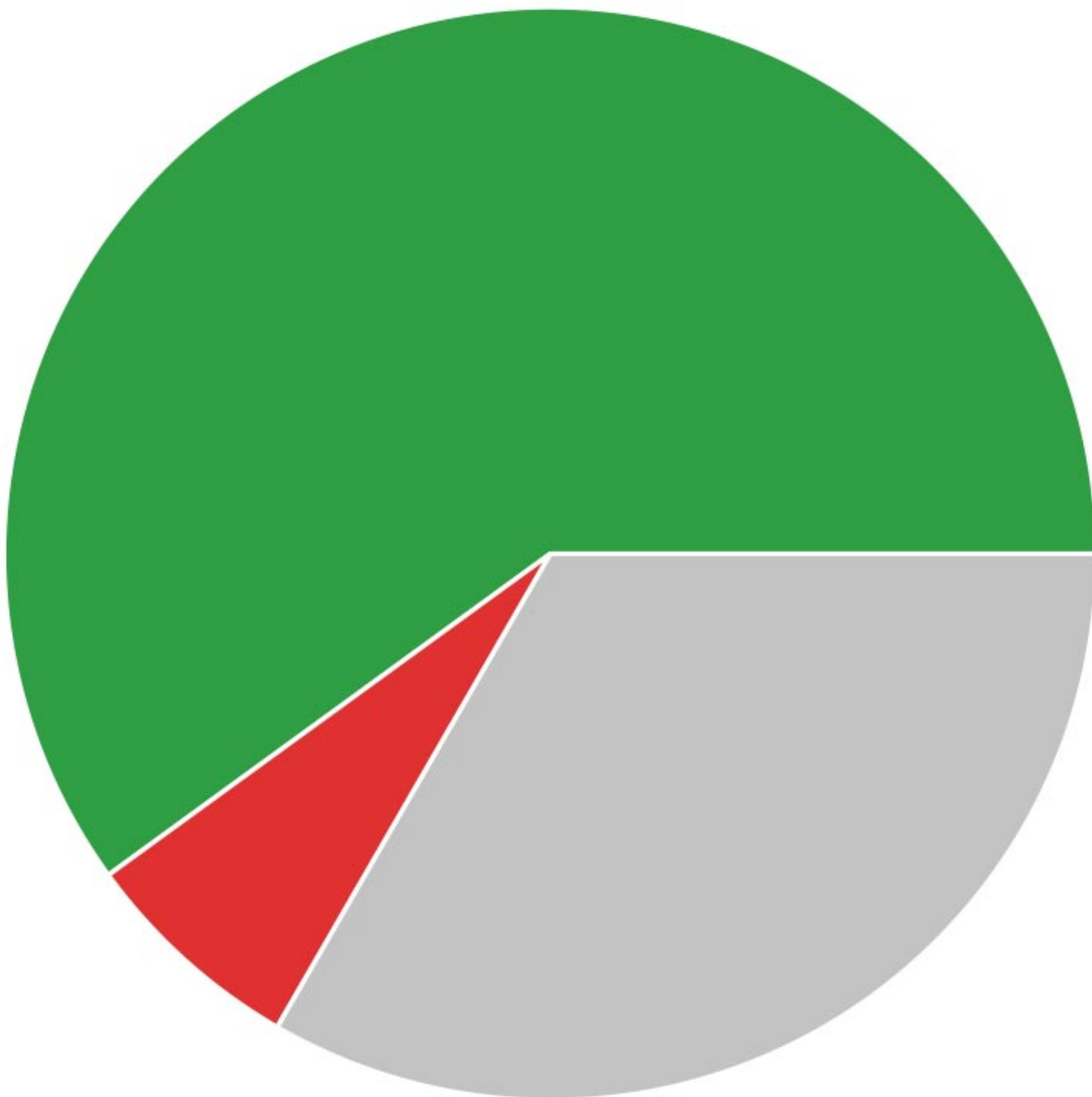
SUBJECT	SCORE	CORRECT	INCORRECT	UNATTEMPTED	NOT VISITED
Overall	203/300	52/75	6/75	32/75	0/75
Physics	84/100	21/25	0/25	9/25	0/25
Chemistry	71/100	18/25	2/25	10/25	0/25
Mathematics	48/100	13/25	4/25	13/25	0/25

Graphical View of Overview



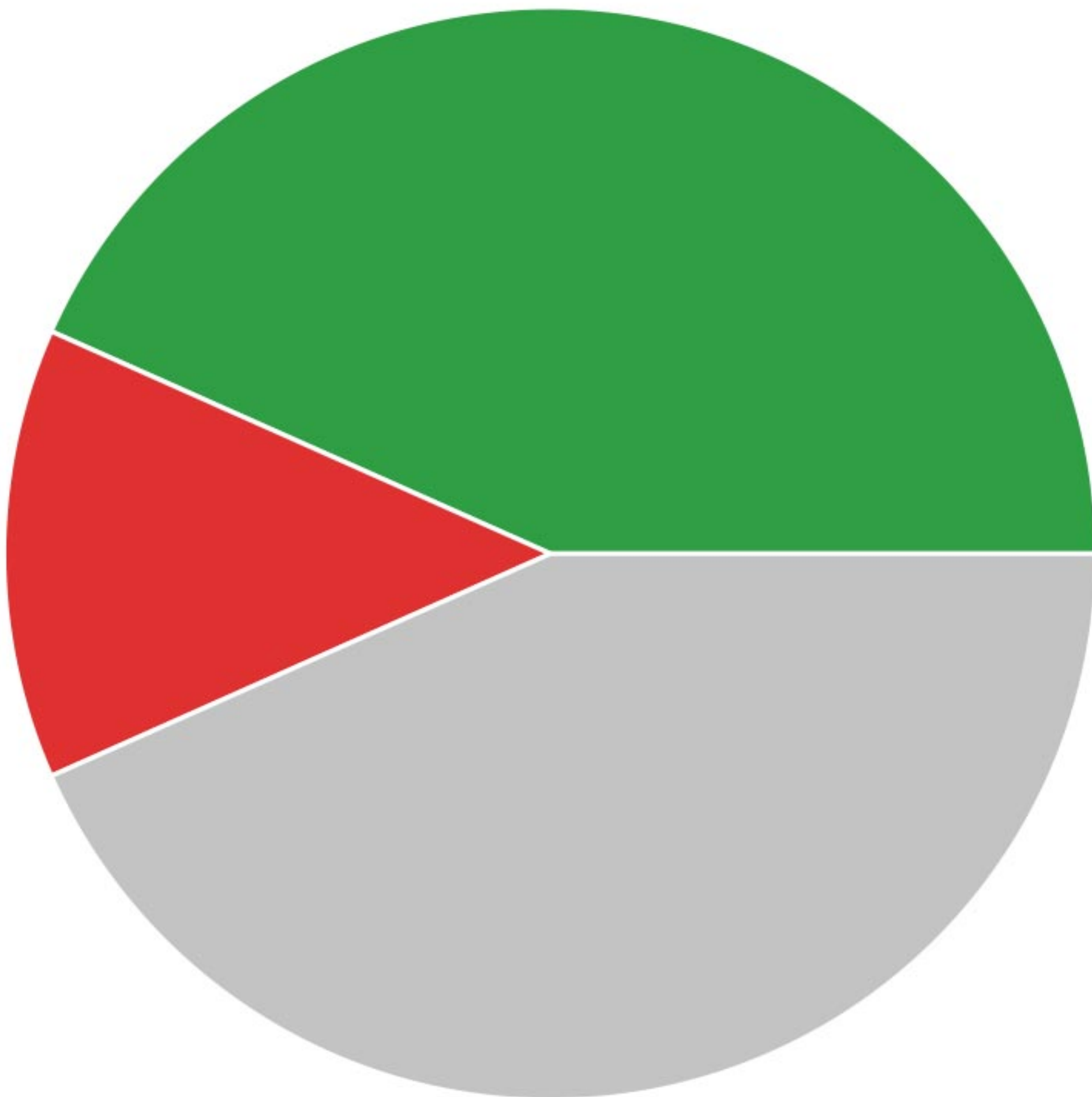
Overview Chemistry

Correct Incorrect Unanswered



Overview Mathematics

Correct Incorrect Unanswered



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.

SUBJECT	TIME SPENT	ATTEMPT (IN %)	ACCURACY (IN %)
Overall	163 min 16 s	77	89
Physics	52 min 20 s	70	100
Chemistry	45 min 11 s	66	90
Mathematics	65 min 45 s	56	76

Graphical View of Time and Accuracy

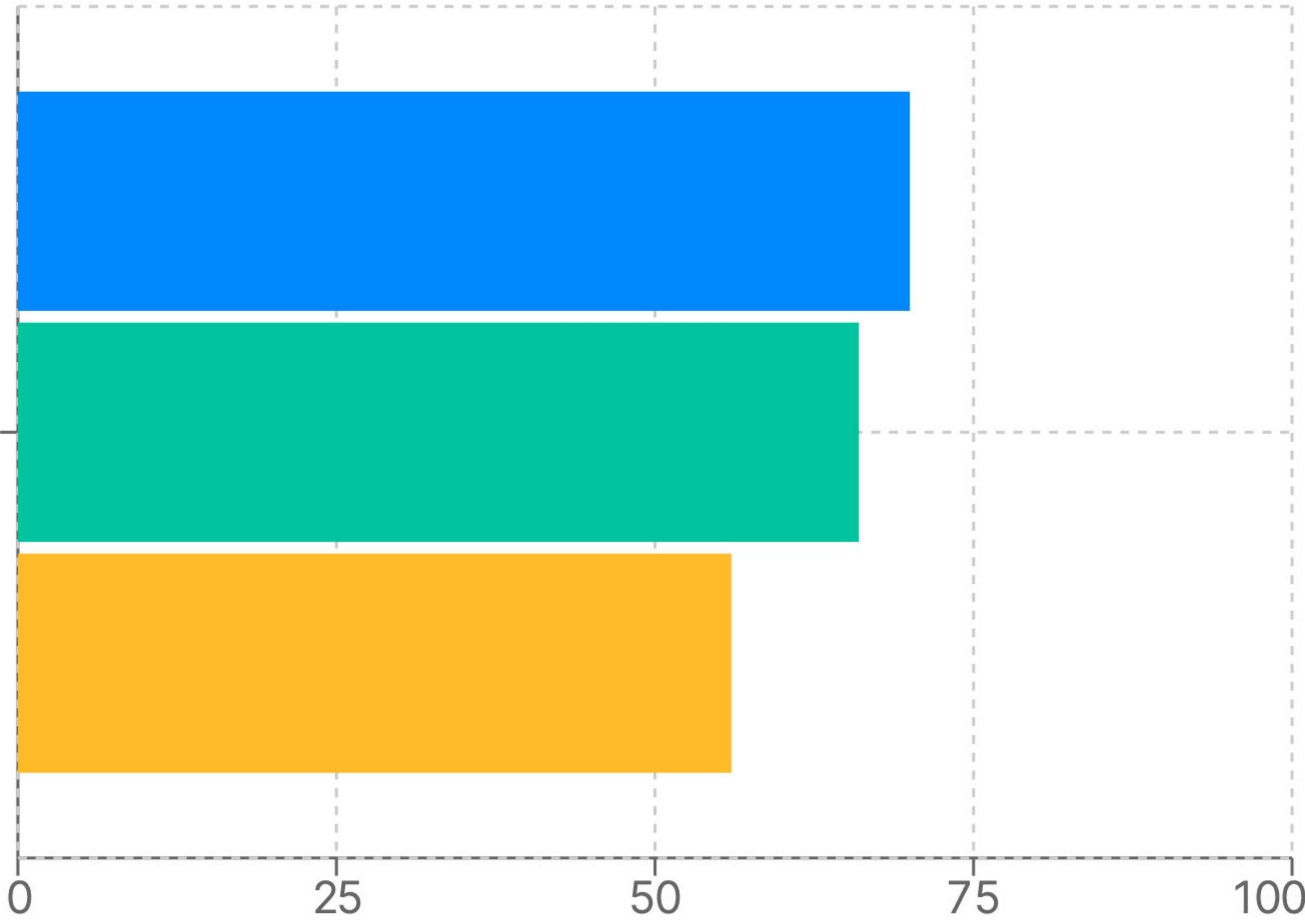
Section Wise Time Spent (in min)

Physics Chemistry Mathematics

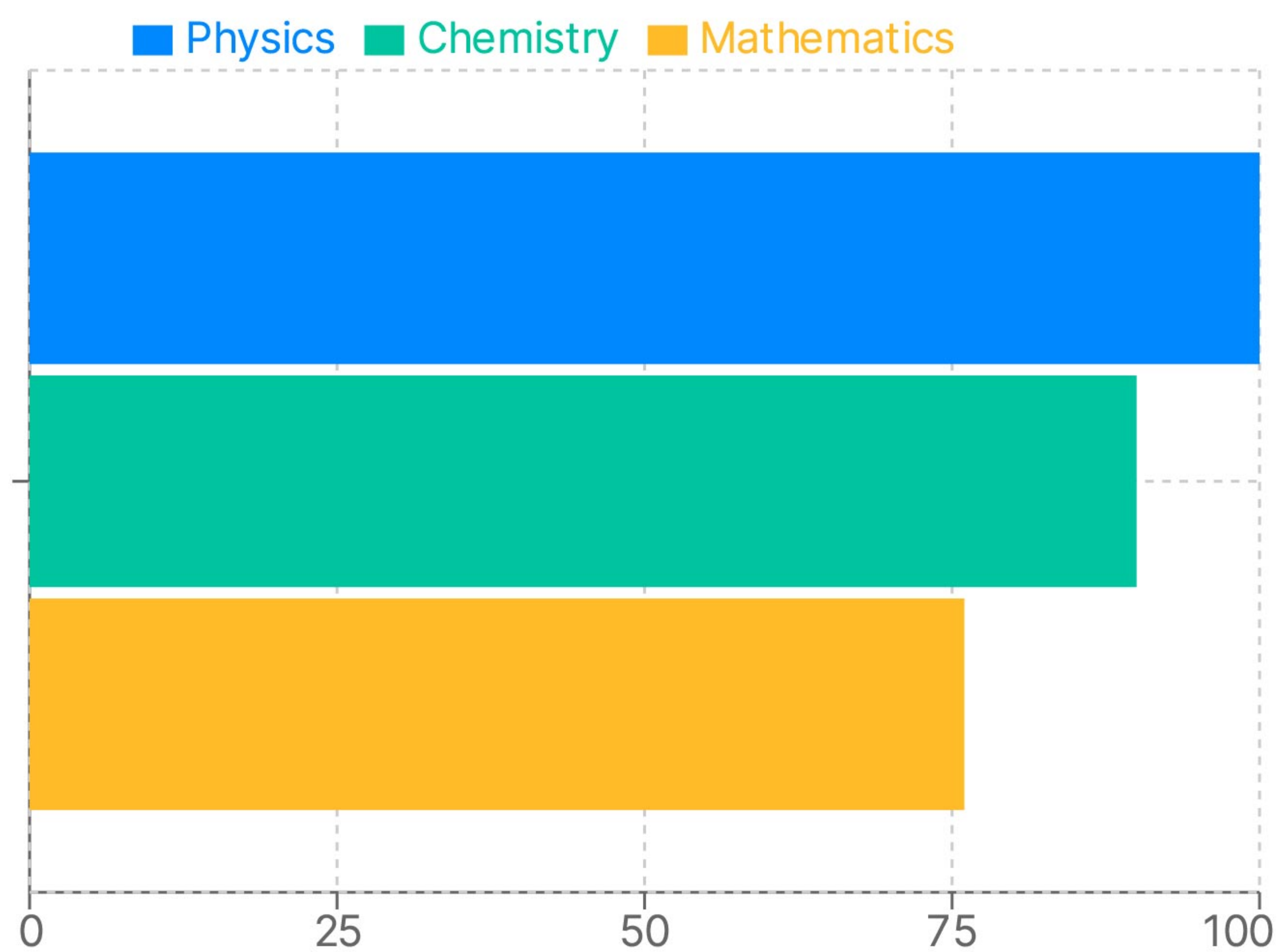


Attempts

Physics Chemistry Mathematics



Accuracy



Attempts

Perfect

Correct attempt solved in time

Wasted

Incorrect attempt solved very quickly

Overtime

Incorrect attempt but greater than the allotted time

Confused

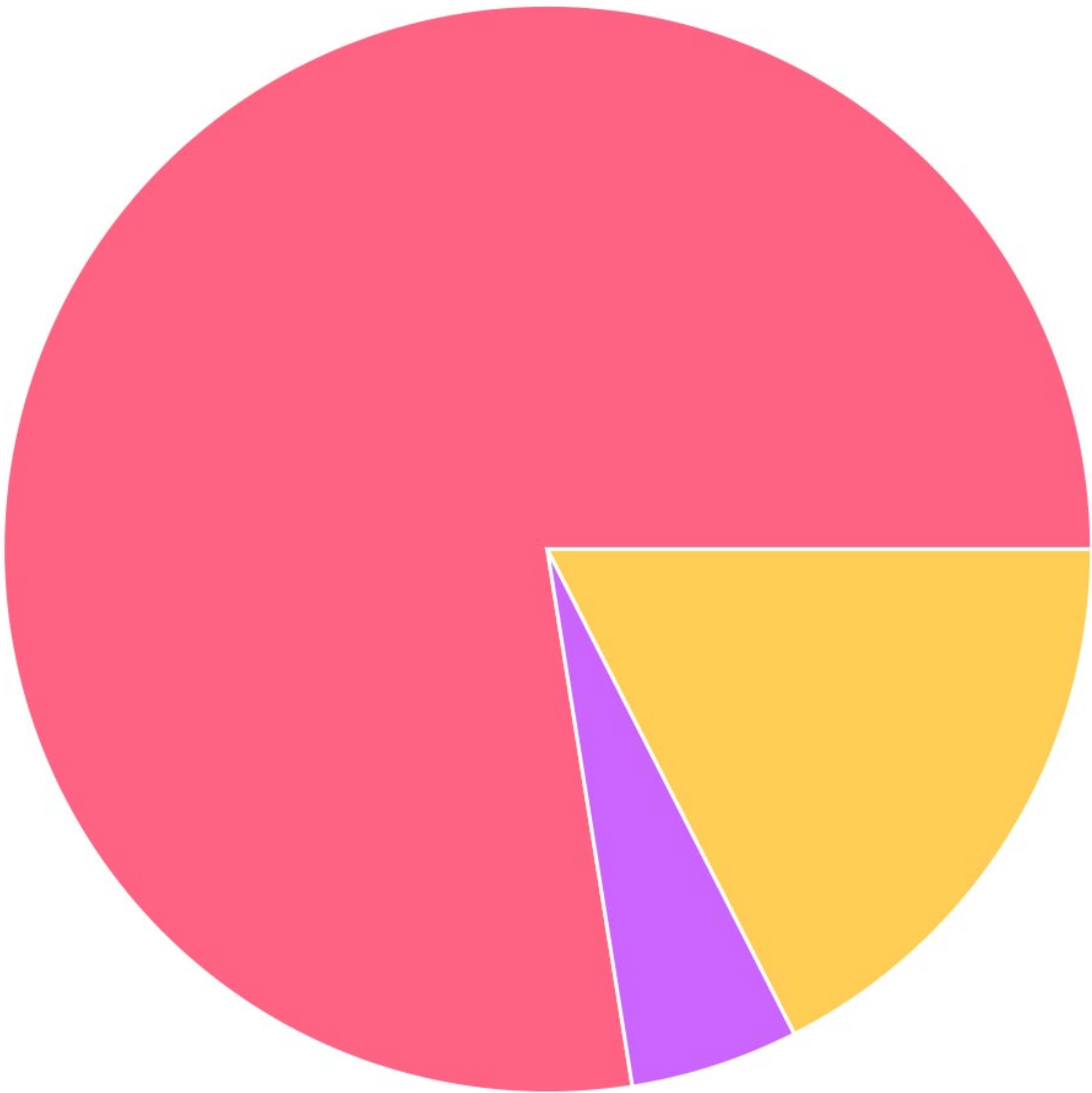
Unattempted and which took greater than the allotted time

SUBJECT	PERFECT	WASTED	OVERTIME	CONFUSED
Overall	31	0	2	7
Physics	11	0	0	2
Chemistry	11	0	1	1
Mathematics	9	0	1	4

Graphical View of Attempts

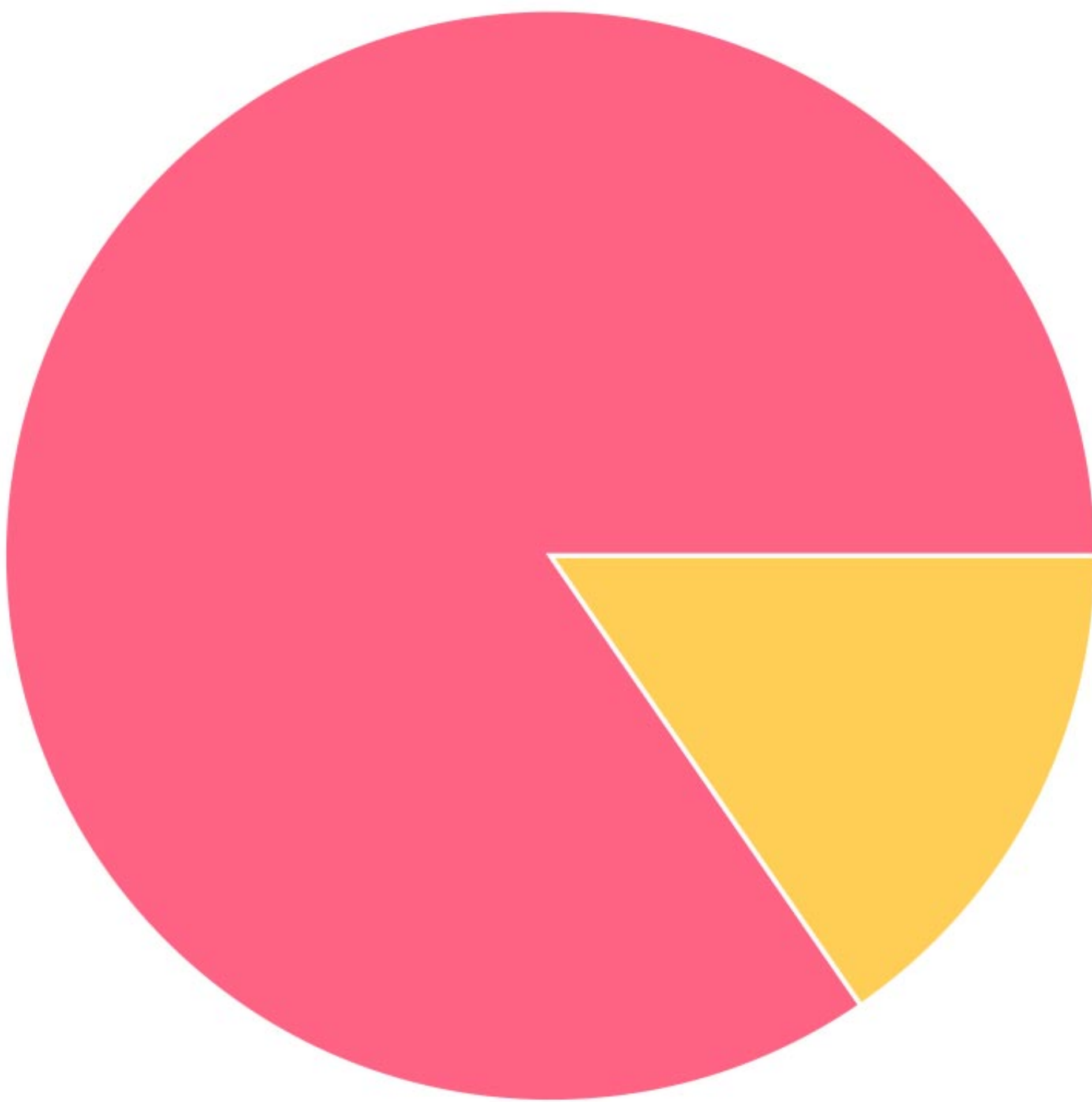
All Attempts

Perfect Wasted Overtime Confused



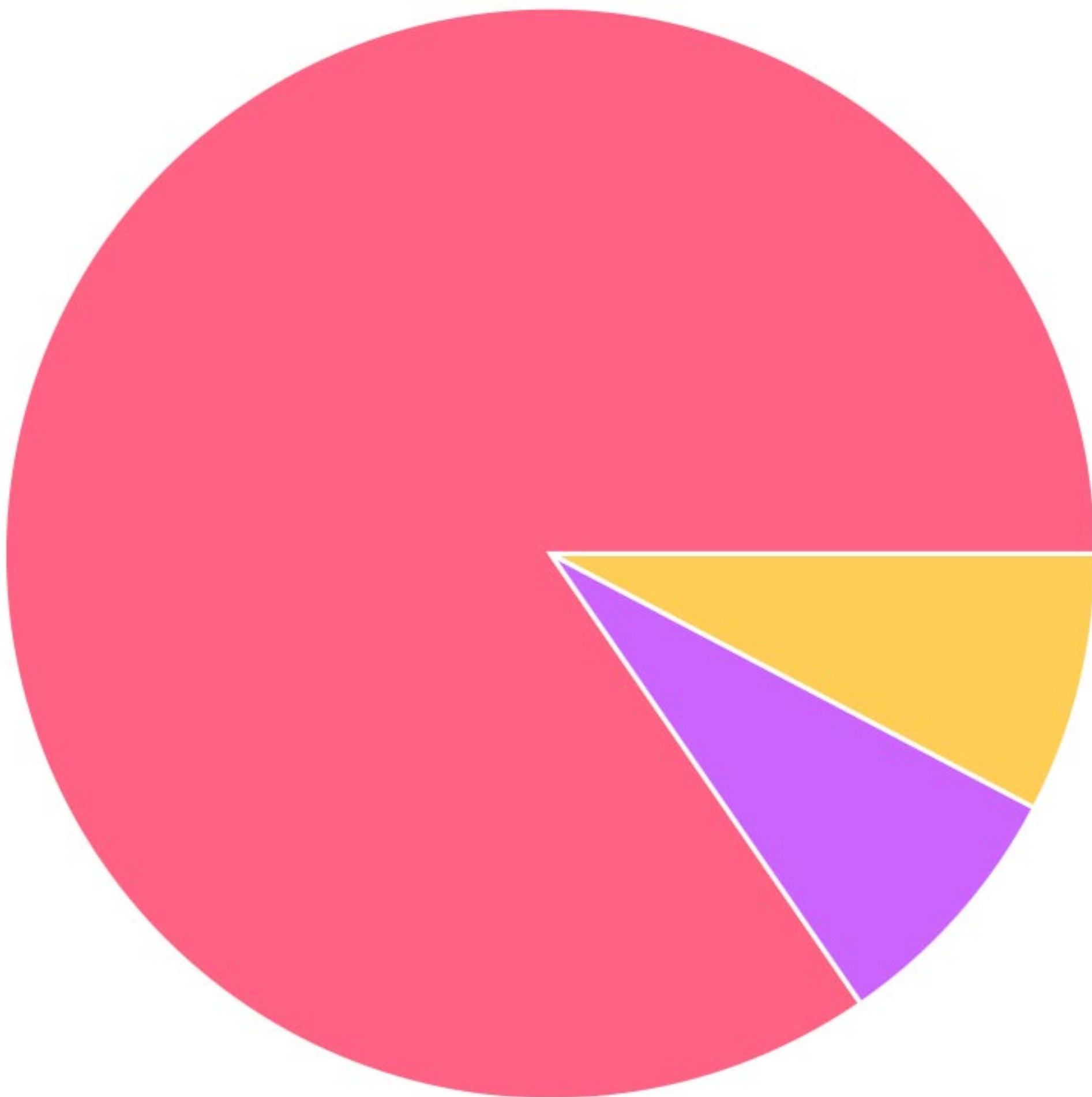
Physics

Perfect Wasted Overtime Confused



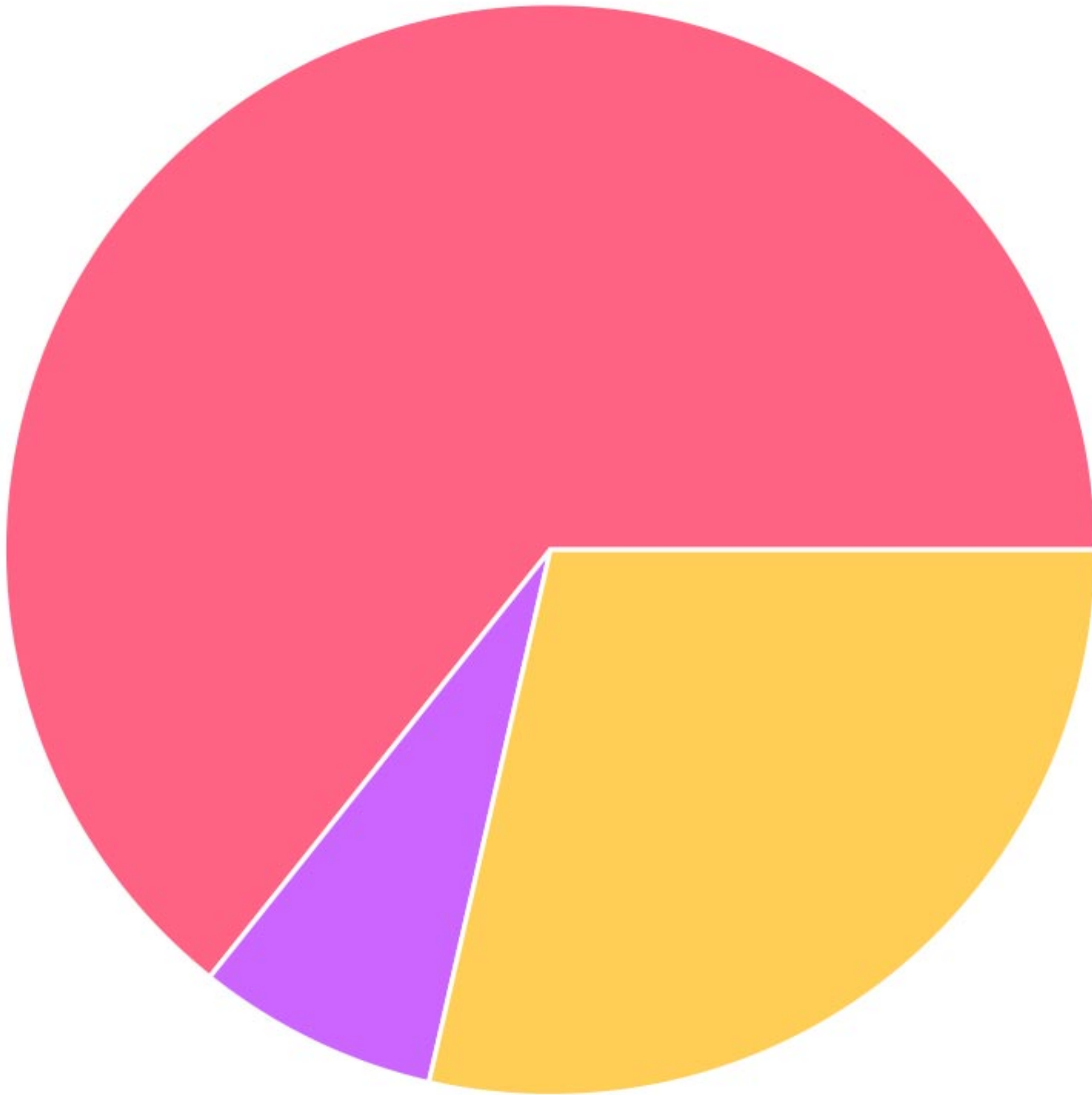
Chemistry

Perfect Wasted Overtime Confused



Mathematics

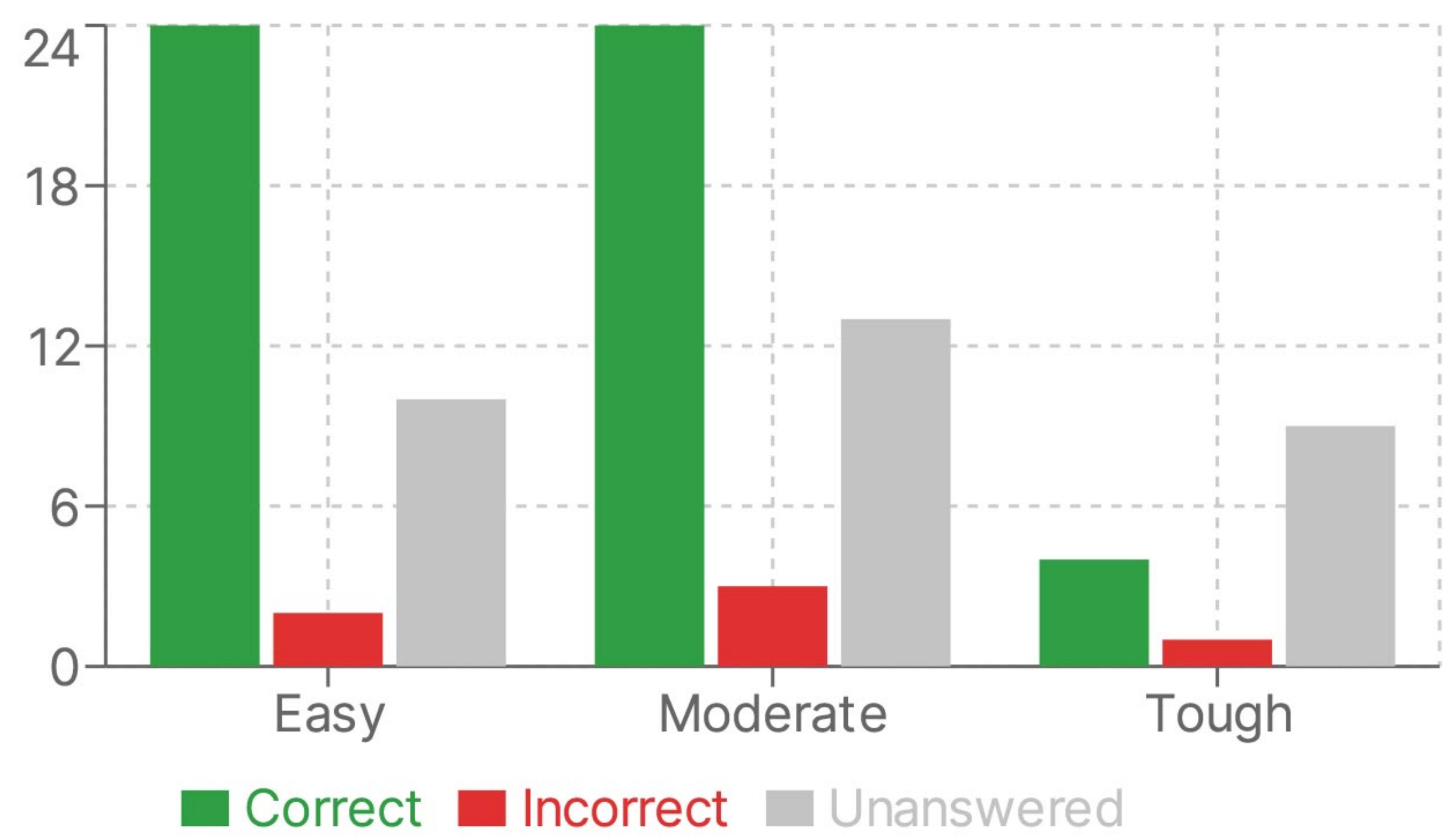
Perfect Wasted Overtime Confused



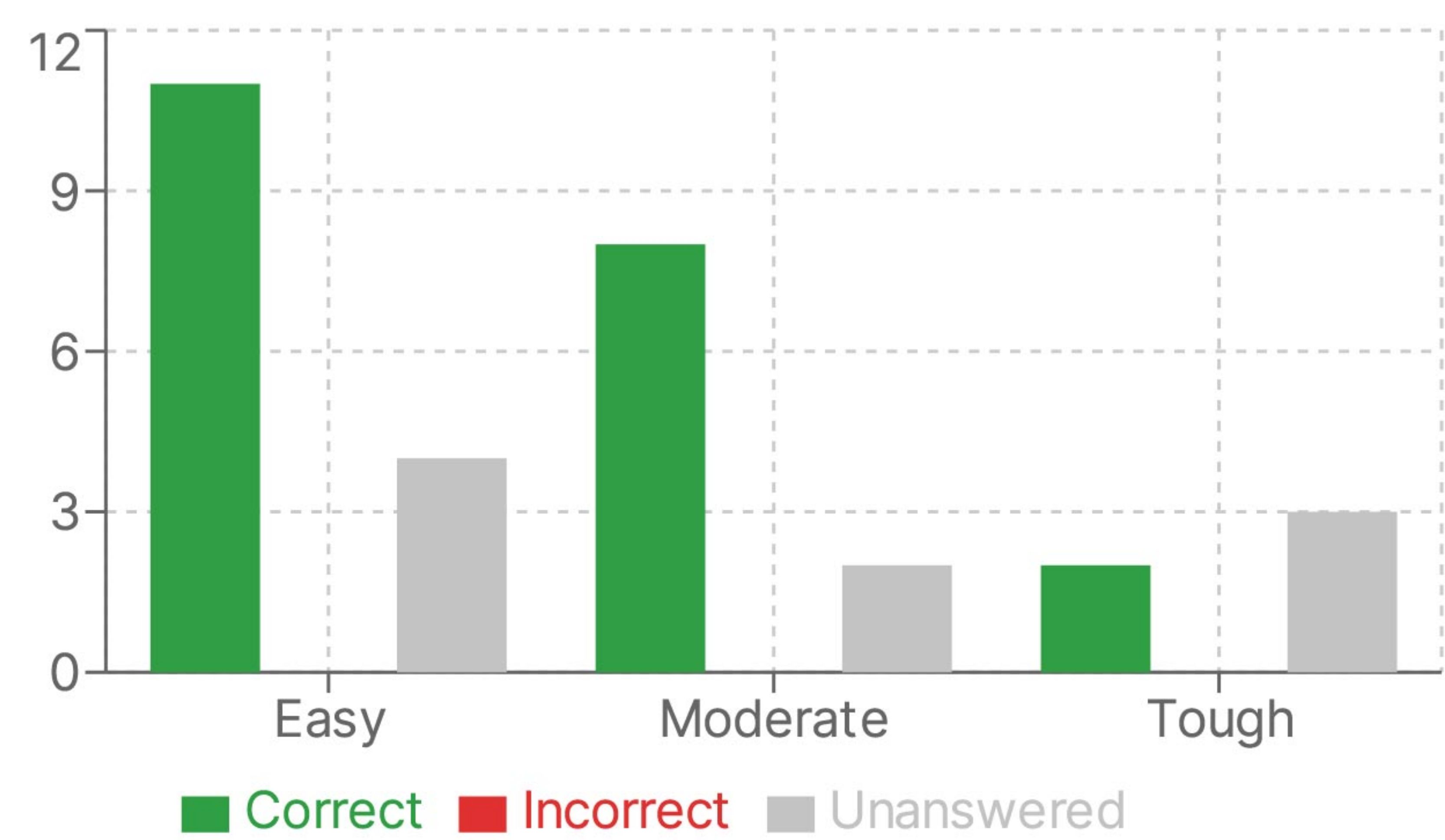
Difficulty Analysis

Every exam contains 3 category of questions i.e., **Easy**, **Moderate** and **Tough**. It is important to make sure that you have a high accuracy in the first two, i.e. easy and moderately difficult questions. This section will help you visualize the same for every subject.

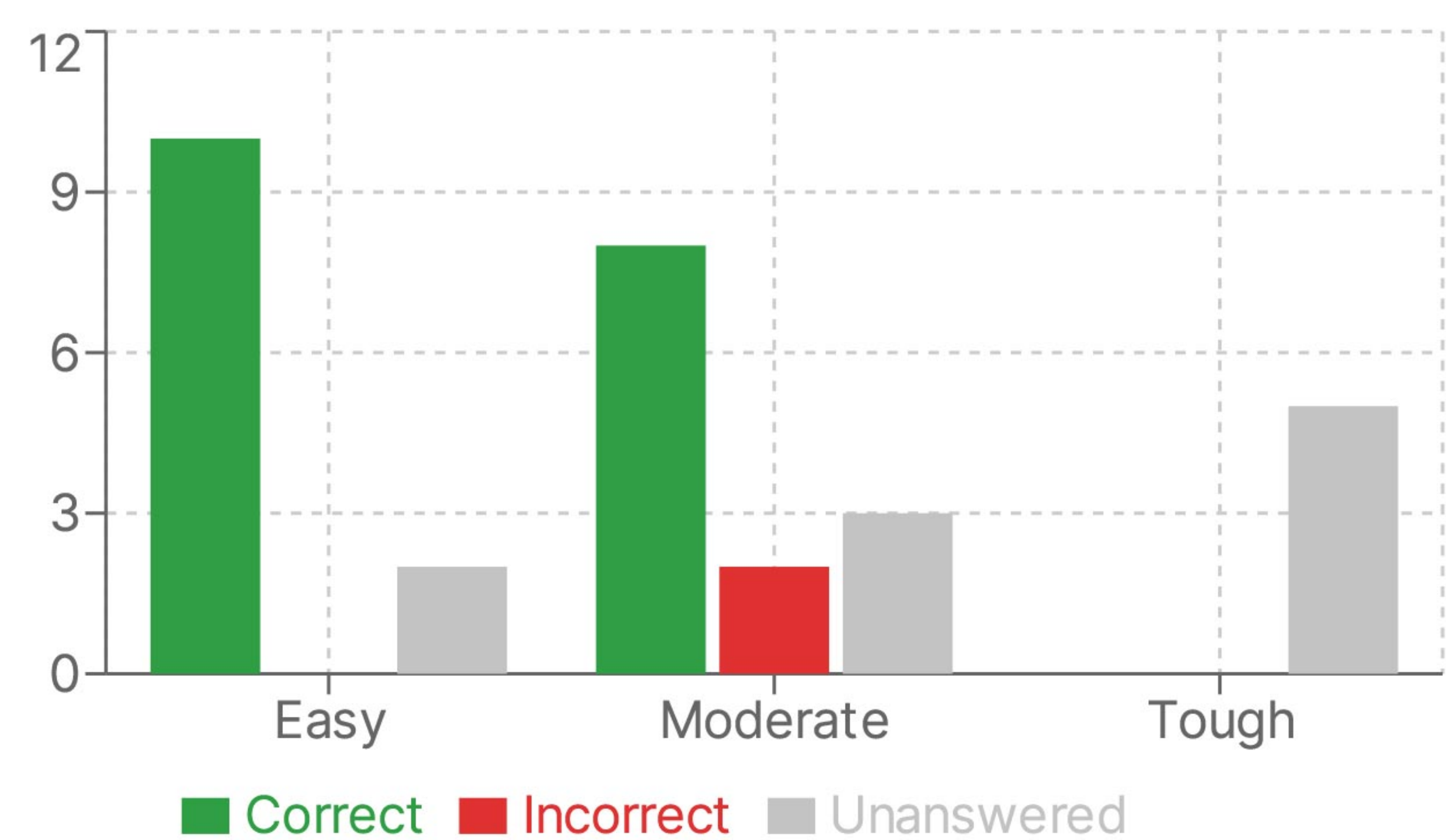
Overall Difficulty Analysis



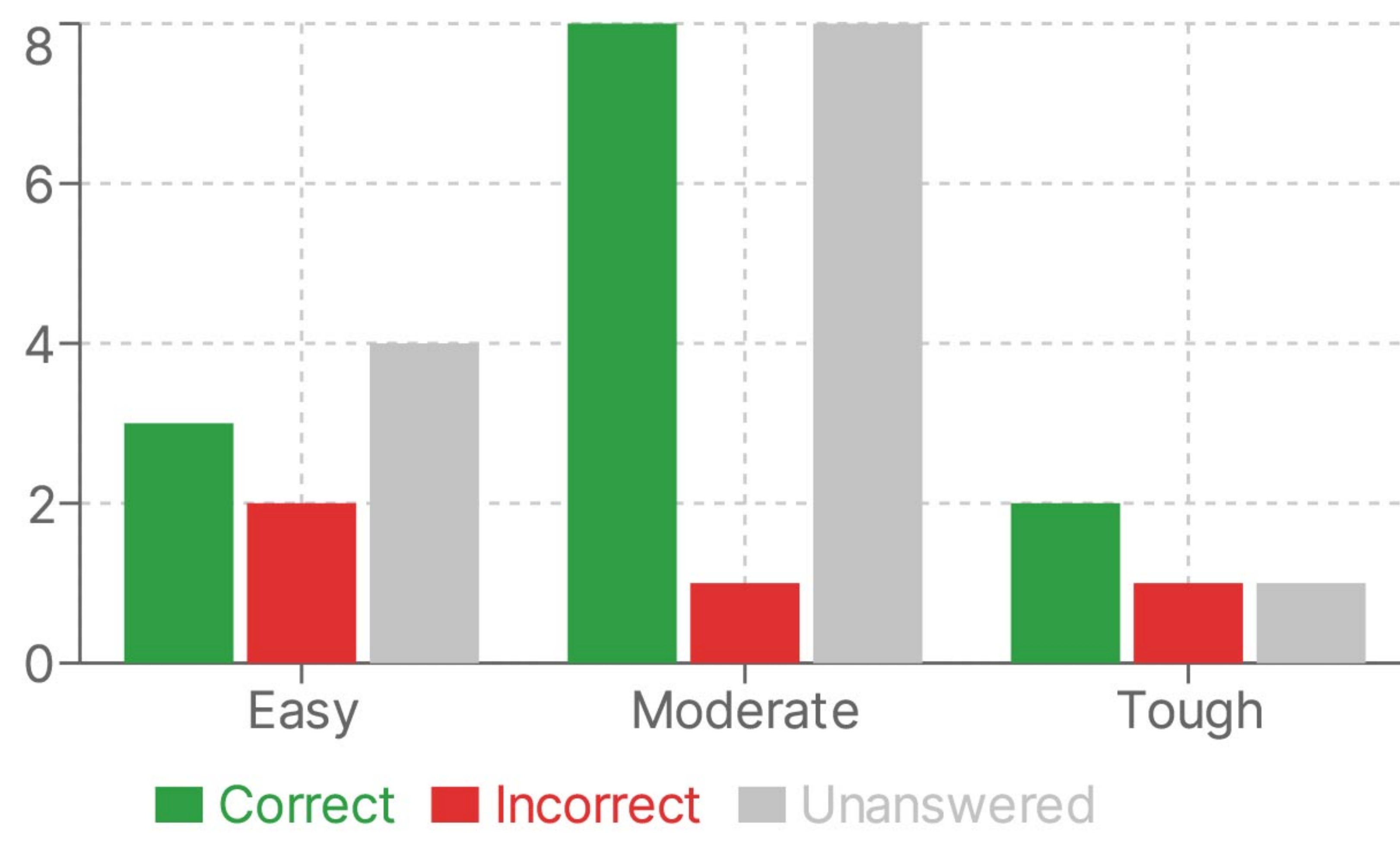
Physics Difficulty Analysis



Chemistry Difficulty Analysis



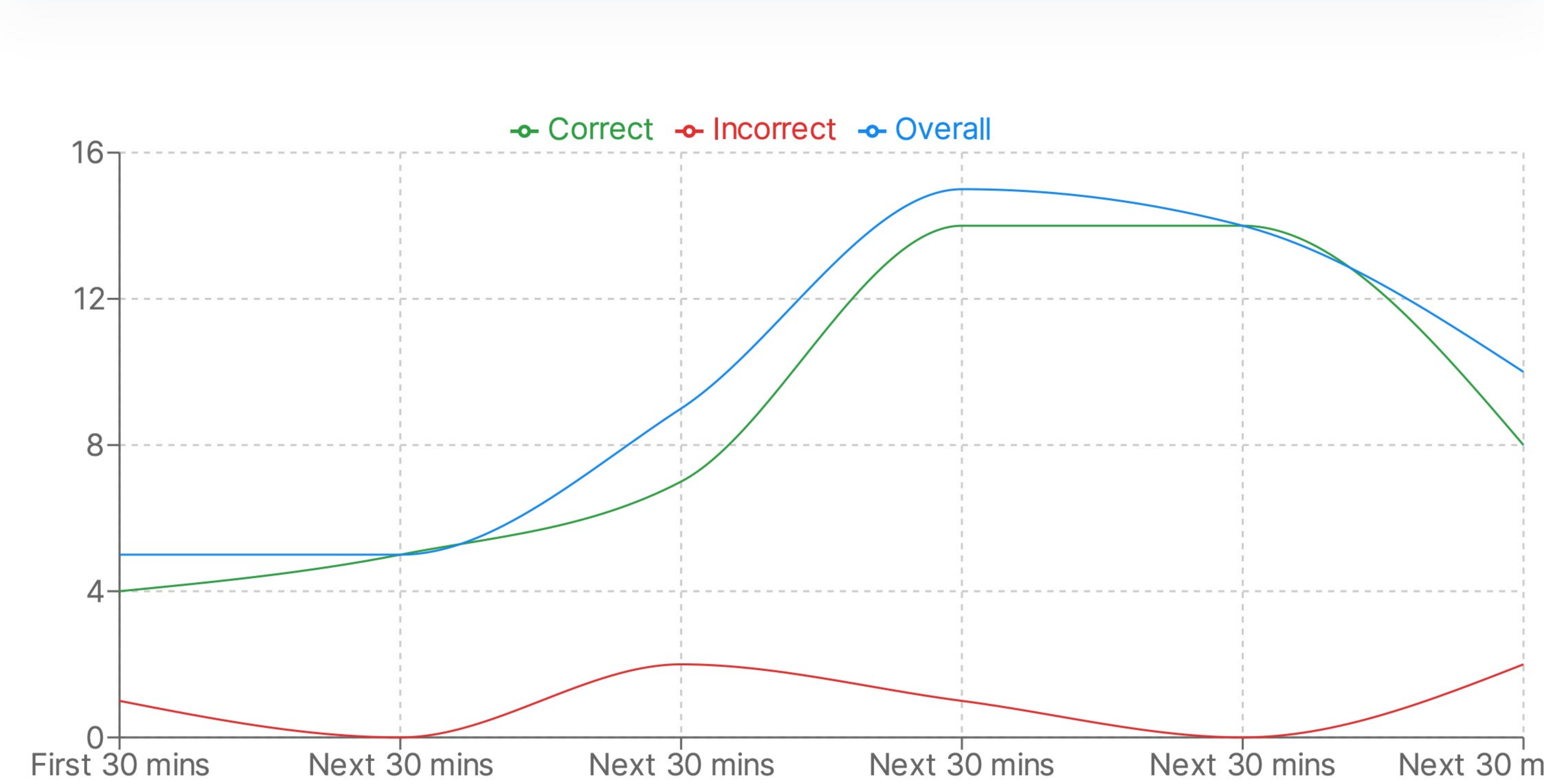
Mathematics Difficulty Analysis



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.

INTERVAL	CORRECT	INCORRECT	OVERALL
First 30 mins	4	1	5
Next 30 mins	5	0	5
Next 30 mins	7	2	9
Next 30 mins	14	1	15
Next 30 mins	14	0	14
Next 30 mins	8	2	10



Painful Questions

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. The details of the listed questions in the complete analysis given below.

Physics

17

22

Chemistry

37

53

Mathematics

61

77

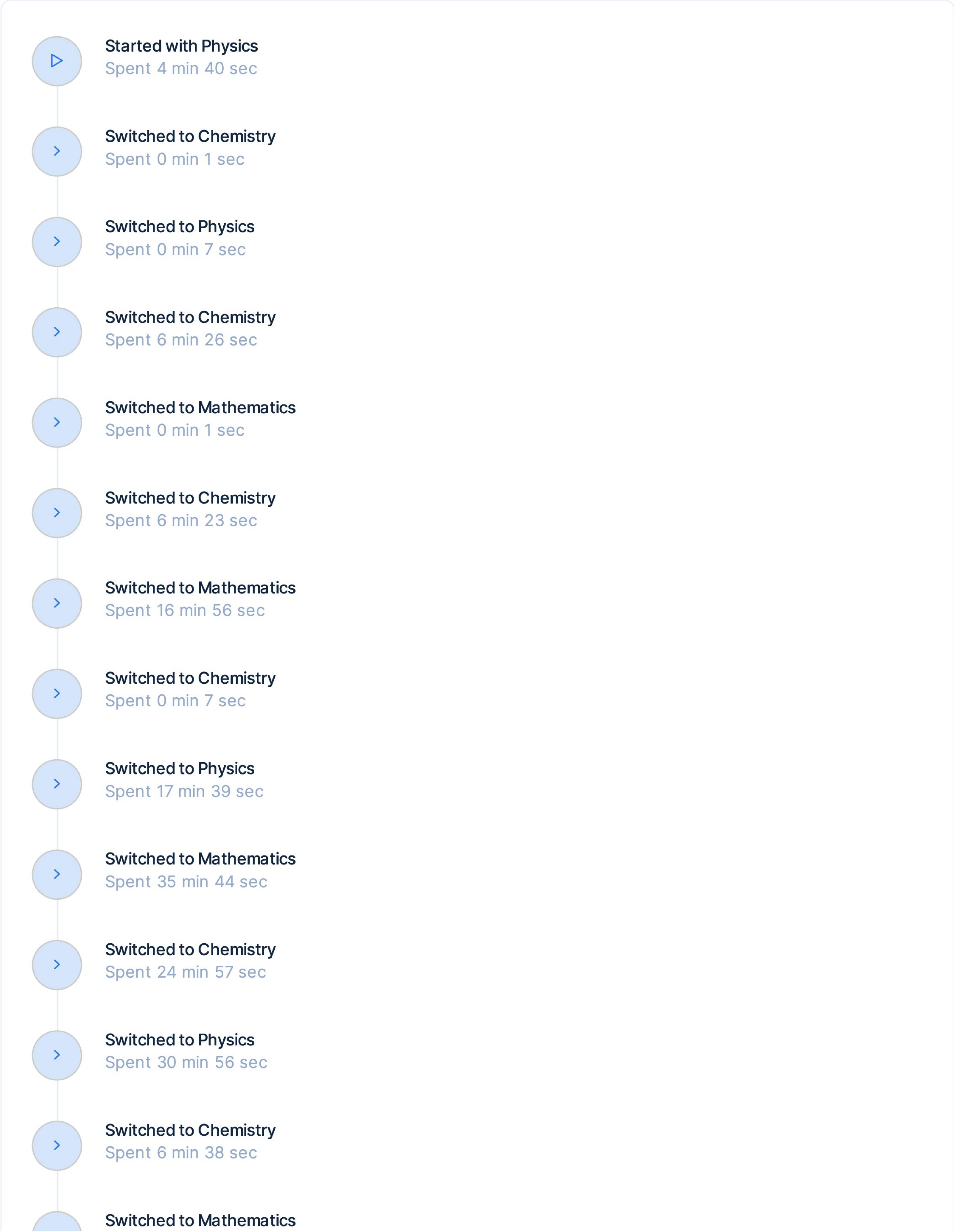
79

81

82

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.





Spent 0 min 0 sec



Switched to Chemistry
Spent 0 min 32 sec



Ended with Mathematics
Spent 14 min 22 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 these concepts.

Physics

Great! You did not miss any concept.

Chemistry

1

Extraction of Aluminium by Purification of Bauxite

2

Types of Interhalogens

Mathematics

1

Condition for one common root

2

condition for a line to be secant, tangent or a chord

3

question on tan inverse

4

when limit tends to 0 or finite number

Complete Analysis

QNO	CHAPTER	TOPIC	DIFFICULTY	ALLOTED	SPENT	ATTEMPTED	ANSWER	OVERVIEW
1	Current Electricity	Electric Instruments	Easy	90 s	271 s	Yes	✓ Correct	-
2	Oscillations	Applications of SHM	Easy	90 s	39 s	Yes	✓ Correct	Perfect
3	Gravitation	Gravitational potential and Potential Energy	Moderate	120 s	58 s	Yes	✓ Correct	Perfect
4	Magnetic Effects of Current	Motion of Charged Particle in Magnetic Field	Moderate	120 s	94 s	Yes	✓ Correct	Perfect
5	Alternating Current	Alternating Current, Vltage and Power	Easy	90 s	151 s	Yes	✓ Correct	-
6	Electromagnetic Waves	Electromagnetic Waves and Maxwell's equations	Easy	90 s	118 s	Yes	✓ Correct	-
7	Semiconductors	Logic gates	Moderate	120 s	30 s	Yes	✓ Correct	Perfect
8	Communication System	Modulation	Easy	90 s	230 s	Yes	✓ Correct	-
9	Thermodynamics	Thermodynamic Processes	Difficult	210 s	138 s	Yes	✓ Correct	Perfect
10	Rotational Motion	Combination of translation and rotation	Moderate	150 s	162 s	Yes	✓ Correct	-
11	Laws of Motion	Newton's laws of motion	Moderate	150 s	93 s	No	-	-
12	Capacitance	Capacitance	Moderate	150 s	175 s	Yes	✓ Correct	-
13	Mechanical Properties of Solids	Youngâ€™s Modulus and Breaking Stres	Easy	90 s	119 s	Yes	✓ Correct	-
14	Mechanical Properties of Fluids	Surface tension	Moderate	150 s	73 s	Yes	✓ Correct	Perfect

QNO	CHAPTER	TOPIC	DIFFICULTY	ALLOTED	SPENT	ATTEMPTED	ANSWER	OVERVIEW
15	Atomic Physics	Bohr's Atomic Model	Easy	90 s	27 s	Yes	✓ Correct	Perfect
16	Nuclear Physics	Nuclear reactions	Difficult	240 s	28 s	No	-	-
17	Magnetic Properties of Matter	Magnetism and Properties of Magnet	Easy	120 s	163 s	No	-	Confused
18	Electromagnetic Induction	Magnetic Flux, Faraday's and Lenz law	Easy	90 s	38 s	Yes	✓ Correct	Perfect
19	Work Power Energy	Work done	Easy	90 s	42 s	No	-	-
20	Thermodynamics	Thermodynamic Processes	Easy	90 s	36 s	Yes	✓ Correct	Perfect
21	Waves and Sound	Doppler's Effect	Moderate	180 s	258 s	Yes	✓ Correct	-
22	Electrostatics	Electric Flux and Gauss Law	Easy	90 s	228 s	No	-	Confused
23	Dual Nature of Matter	Photoelectric Effect	Easy	120 s	118 s	Yes	✓ Correct	Perfect
24	Experimental Physics	Experimental Physics	Moderate	150 s	10 s	No	-	-
25	Wave Optics	Diffraction of Light	Easy	90 s	129 s	Yes	✓ Correct	-
26	Ray Optics	Lens Formula, Refraction of light from curved surface	Difficult	210 s	4 s	No	-	-
27	Alternating Current	AC Circuits	Easy	90 s	6 s	No	-	-
28	Current Electricity	Combination of Resistances	Difficult	210 s	106 s	Yes	✓ Correct	Perfect
29	Thermal Properties of Matter	Radiation	Moderate	150 s	190 s	Yes	✓ Correct	-
30	Motion In Two Dimensions	Relative motion	Difficult	240 s	6 s	No	-	-

QNO	CHAPTER	TOPIC	DIFFICULTY	ALLOTED	SPENT	ATTEMPTED	ANSWER	OVERVIEW
31	Chemical Bonding and Molecular Structure	Ionic bond	Difficult	150 s	38 s	No	-	-
32	General Principles and Processes of Isolation of Metals	Extraction of Metals	Moderate	120 s	45 s	Yes	✗ Incorrect	-
33	Carboxylic Acid Derivatives	Reaction Involving Cleavage of â€”OH Group	Easy	90 s	73 s	No	-	-
34	Surface Chemistry	Adsorption	Easy	90 s	16 s	Yes	✓ Correct	Perfect
35	Biomolecules	Carbohydrates	Moderate	120 s	158 s	Yes	✓ Correct	-
36	Chemistry in Everyday Life	Preparation and Properties of Acid Derivatives	Easy	90 s	41 s	Yes	✓ Correct	Perfect
37	Alcohols Phenols and Ethers	Methods of Preparation of Carbonyl Compounds	Difficult	120 s	237 s	No	-	Confused
38	Solutions	Colligative Properties and Abnormal Molecular Masses	Moderate	150 s	380 s	Yes	✓ Correct	-
39	Redox Reactions	Equivalence concept	Easy	60 s	16 s	Yes	✓ Correct	Perfect
40	Practical Chemistry	Identification of Basic Radicals	Moderate	120 s	24 s	No	-	-
41	Coordination Compounds	Nomenclature of coordination compounds	Easy	90 s	61 s	Yes	✓ Correct	Perfect
42	Some Basic Concepts of Chemistry	Quantitative measures in chemical equations	Difficult	180 s	17 s	No	-	-
43	p Block Elements (Group 15, 16, 17 & 18)	Sulphur and Its Compounds	Moderate	120 s	113 s	Yes	✓ Correct	Perfect
44	Chemical Kinetics	Integrated rate laws	Easy	120 s	215 s	Yes	✓ Correct	-

QNO	CHAPTER	TOPIC	DIFFICULTY	ALLOTED	SPENT	ATTEMPTED	ANSWER	OVERVIEW
45	Amines	Preparation and Properties of Isocyanides	Easy	90 s	49 s	Yes	✓ Correct	Perfect
46	s Block Elements	Alkaline Earth Metals	Moderate	120 s	136 s	Yes	✓ Correct	-
47	Structure of Atom	Hydrogen spectrum	Easy	120 s	95 s	Yes	✓ Correct	Perfect
48	d and f Block Elements	Compounds of Transition Metals	Moderate	90 s	131 s	Yes	✓ Correct	-
49	Electrochemistry	Cells and Electrode Potential, Nernst Equation	Moderate	120 s	85 s	Yes	✓ Correct	Perfect
50	Thermodynamics (C)	Laws of Thermochemistry and Enthalpy Change	Easy	90 s	37 s	Yes	✓ Correct	Perfect
51	Ionic Equilibrium	Buffer solutions	Difficult	150 s	8 s	No	-	-
52	Classification of Elements and Periodicity in Properties	Periodic properties	Easy	120 s	220 s	Yes	✓ Correct	-
53	p Block Elements (Group 15, 16, 17 & 18)	Halogens and Its Compounds	Moderate	120 s	143 s	Yes	✗ Incorrect	Overtime
54	Polymers	Classification of Polymers	Moderate	90 s	87 s	Yes	✓ Correct	Perfect
55	General Organic Chemistry	Isomerism of Organic Compounds	Moderate	120 s	22 s	No	-	-
56	s Block Elements	Compounds of Alkali Metals	Moderate	120 s	9 s	No	-	-
57	Coordination Compounds	Crystal Field Theory	Easy	90 s	123 s	Yes	✓ Correct	-
58	Electrochemistry	Cells and Electrode Potential, Nernst Equation	Easy	120 s	8 s	No	-	-
59	Haloalkanes and Haloarenes	Preparation and Properties of Monohalides	Difficult	150 s	84 s	No	-	-

QNO	CHAPTER	TOPIC	DIFFICULTY	ALLOTED	SPENT	ATTEMPTED	ANSWER	OVERVIEW
60	Hydrocarbons	Reactions of alkenes	Moderate	120 s	40 s	Yes	✓ Correct	Perfect
61	Quadratic Equation	Common Roots	Easy	120 s	294 s	Yes	✗ Incorrect	Overtime
62	Functions	Types of Function (Mapping)	Moderate	120 s	56 s	No	-	-
63	Application of Derivatives	Monotonicity	Easy	120 s	31 s	No	-	-
64	Mathematical Reasoning	Mathematical Reasoning	Easy	90 s	44 s	Yes	✓ Correct	Perfect
65	Parabola	Common Tangent	Moderate	150 s	9 s	No	-	-
66	Circle	line and circle	Difficult	180 s	168 s	Yes	✗ Incorrect	-
67	Indefinite Integration	Integration by Substitution	Moderate	150 s	358 s	Yes	✓ Correct	-
68	Straight Lines	Locus	Easy	120 s	8 s	No	-	-
69	Continuity and Differentiability	Differentiability	Moderate	150 s	96 s	Yes	✓ Correct	Perfect
70	Inverse Trigonometric Functions	Sum and difference of angles	Moderate	150 s	139 s	Yes	✗ Incorrect	-
71	Sequences and Series	Arithmetic Progression	Moderate	120 s	69 s	Yes	✓ Correct	Perfect
72	Continuity and Differentiability	Differentiability	Moderate	150 s	87 s	Yes	✓ Correct	Perfect
73	Limits	Trigonometric and Inverse Trigonometric limits	Easy	90 s	89 s	Yes	✗ Incorrect	-
74	Permutation Combination	Division of Identical items	Moderate	150 s	10 s	No	-	-
75	Binomial Theorem	Remainder and Divisibility Problems	Moderate	120 s	32 s	Yes	✓ Correct	Perfect

QNO	CHAPTER	TOPIC	DIFFICULTY	ALLOTED	SPENT	ATTEMPTED	ANSWER	OVERVIEW
76	Matrices	Adjoint and its Properties	Moderate	150 s	228 s	Yes	✓ Correct	-
77	Trigonometric Ratios & Identities	Trigonometric Series	Easy	120 s	457 s	No	-	Confused
78	Vector Algebra	Product of 2 vectors	Moderate	150 s	12 s	No	-	-
79	Matrices	Product of Matrices	Moderate	150 s	215 s	No	-	Confused
80	Statistics	Mean	Easy	120 s	107 s	Yes	✓ Correct	Perfect
81	Area Under Curves	Area bounded by Miscellaneous Curves	Moderate	120 s	216 s	No	-	Confused
82	Determinants	Expansion of Determinants	Moderate	150 s	189 s	No	-	Confused
83	Sequences and Series	Inequalities	Difficult	150 s	119 s	No	-	-
84	Quadratic Equation	Relation between Roots and Coefficients	Moderate	150 s	140 s	Yes	✓ Correct	Perfect
85	Three Dimensional Geometry	Direction Cosines and Direction Ratios	Easy	120 s	328 s	Yes	✓ Correct	-
86	Probability	Independent Events	Difficult	180 s	191 s	Yes	✓ Correct	-
87	Hyperbola	Tangent to hyperbola	Easy	120 s	15 s	No	-	-
88	Functions	Periodicity	Difficult	210 s	72 s	Yes	✓ Correct	Perfect
89	Definite Integration	Definite Integration by Parts	Moderate	180 s	103 s	No	-	-
90	Vector Algebra	Vector Triple Product	Moderate	150 s	63 s	Yes	✓ Correct	Perfect