

### ResoFAST Paper Structure

Subjects	Questions from each subject	Total Questions	Total Marks	Test Duration
Physics, Biology, Chemistry, Mathematics and Mental Ability	15 each PCB, 20 Maths, 10 MAT	75	300	120 Min (2 Hours)

### Question Wise Breakup

Sections	Question Marking (Correct, Wrong, Leave)	Question Types (Medium : English & Hindi)
PBCM & MAT	(4, -1, 0)	General Science - 45 (15P, 15C, & 15 B) Mathematics & MAT - 30 (20M, 10MAT)

### Syllabus Breakup

<u>Subject</u>	<u>Particulars</u>
<b>Physics</b>	Motion(IX) Force laws of motion(NLM) (IX) Gravitation (IX) Fluid (IX) Work, Energy & Power (IX) Sound (IX) Light (X) Electricity (X) Magnetic effects of Electric Current (X) Source of Energy (X)
<b>Chemistry</b>	Matter In Our Surrounding(IX) Is matter around us pure (IX) Structure of the atom (IX) Atoms and molecules (IX) Chemical Reactions & Equations (X) Acids & Bases, Salts (X) Metals & Non-Metals (X) Carbon and Its Compounds (X)
<b>Biology</b>	The Fundamental Unit of Life(Cell) (IX) Tissue (IX)

	<p>Improvement in Food Resources (IX)</p> <p>Diversity of Living Organism (IX)</p> <p>Why do we fall ill (IX)</p> <p>Natural Resources (IX)</p> <p>Life Process (X)</p> <p>Control and Co-Ordination (X)</p> <p>Heredity and Evolution (X)</p>
<b>Mathematics</b>	<p>Number system (IX)</p> <p>Polynomials(IX)</p> <p>Coordinate geometry (IX)</p> <p>Linear Equations (IX)</p> <p>Introduction to Euclid's Geometry(IX)</p> <p>Lines and Angles (IX)</p> <p>Triangles IX)</p> <p>Quadrilateral (IX)</p> <p>Area of parallelogram and triangles(IX)</p> <p>Circles (IX)</p> <p>Heron's formula (IX)</p> <p>Surface Areas and Volumes (IX)</p> <p>Statistics (IX)</p> <p>Probability (IX)</p> <p>Real Numbers (X)</p> <p>Polynomials (X)</p> <p>Pair and Linear Equations in Two Variables (X)</p> <p>Quadratic Equations (X)</p>
<b>Mental Ability</b>	<p>Number Series</p> <p>Missing term in figure</p> <p>Coding Decoding</p> <p>Mathematical Operations</p> <p>Sitting arrangement</p> <p>Blood Relation</p> <p>Dice Test</p> <p>Cube Test</p> <p>Puzzle test</p> <p>Analogy</p> <p>Venn Diagram</p> <p>Syllogism</p>

	Figure Partition & Counting Non verbal Series Non-Verbal_Classification
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