

**ENGLISH**

10 Marks

- Tenses
- One Word Substitution
- Figure of Speech
- Modals
- Determiners
- Reported Speech
- Idioms and Phrases
- Subject Verb-Agreement

PHYSICS

7 Marks

- Motion (Definition of Vector)
- Force and Laws of Motion
- Work and Energy
- Floatation
- Gravitation
- Sound

CHEMISTRY

7 Marks

- Matter in Our Surroundings
- Is Matter Around us Pure (Solutions, Colloids and Suspensions)
- Atoms and Molecules
- Structure of Atom

BIOLOGY

6 Marks

- Cell
- Plant Tissue
- Animal Tissue
- Improvement in Food Resources

MATHEMATICS

20 Marks

- Number System
- Algebra (Polynomials, Linear Equations)
- Geometry (Triangle, Quadrilaterals and Circles)
- Co-ordinate Geometry
- Mensuration (Area and Volumes of Plane Figures)
- Statistics
- Heron's Formula
- Lines and Angles

SOCIAL STUDIES

10 Marks

- The French Revolution
- Russian Revolution
- Drainage
- Natural Vegetation
- Climate
- People as Resource
- Food Security
- Working of Institutions
- Physical Features of India
- Constitutional Design

EXAM PATTERN

- **Duration:** The exam paper consists of 60 multiple-choice questions to be solved in 1 hour
- **Medium:** Exam papers will be available in both Hindi and English.
- **Unattempted Questions:** No marks will be deducted for questions not attempted.
- **Correct Answers:** Each correct answer will be awarded 4 marks. **Wrong Answers:** 1 mark will be deducted for each wrong answer

**ENGLISH**

10 Marks

- Tenses
- Figure of Speech
- One Word Substitution
- Modals
- Determiners
- Reported Speech
- Idioms and Phrases
- Subject Verb-Agreement
- Voice

PHYSICS

7 Marks

- Electricity
- Magnetic Effects of Electric Current (EMI)
- Light Reflection & Refraction
- The Human Eye & the Colourful World
- Electromagnetic Induction

CHEMISTRY

7 Marks

- Chemical Reactions and Equations
- Acid, Bases and Salts
- Metals and Non Metals
- Carbon and its Compounds

BIOLOGY

6 Marks

- Life Process (Nutrition in Plants, Respiration, Transportation in Plants & Human beings, Excretion in Human beings)
- Control and Co-ordinations
- How do Organism Reproduce (Asexual Reproduction, Human Reproduction, Reproductive Health & Plant Reproduction)
- Heredity
- Our Environment

MATHEMATICS

20 Marks

- Real Numbers
- Algebra
(Polynomials, Linear Equations, Quadratic Equations, A.P)
- Geometry (Triangle & Circles)
- Co-ordinate Geometry
- Mensuration
(Area of Plane Figures, Surface Area and Volume)
- Trigonometry
(Identities & Applications of Trigonometry)
- Statistics and Probability
- Area related to Circle

SOCIAL STUDIES

10 Marks

- Nationalism in India
- Nationalist Movement in Europe
- Minerals and Energy Resources
- Manufacturing Industries
- Resource and Development
- Sectors of Indian Economy
- Money and Credit
- Political Parties
- Gender, Religion and Caste
- Power Sharing

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