



DELHI PUBLIC SCHOOL SANGRUR

ENTRANCE TEST SYLLABUS CLASS- XII MEDICAL

ENGLISH :

I Reading Comprehension through Unseen Passages

1. One unseen passage to assess comprehension, interpretation, analysis, inference, and vocabulary. The passage may be factual, descriptive, or literary.
2. One unseen case-based factual passage with verbal/visual inputs like statistical data, charts, etc. to assess comprehension, interpretation, analysis, inference, and evaluation.
3. Note Making and Summarization based on a passage of approximately 200-250 words.

II Grammar and Creative Writing Skills

4. Questions on Gap filling (Tenses, Clauses)
5. Questions on re-ordering/transformation of sentences

III Creative Writing Skills

6. Short writing task – Classified Advertisements, up to 50 words. One out of the two given questions to be answered
7. Short writing task –Poster up to 50 words. One out of the two given questions to be answered.
8. Long Writing task: Speech in 120-150 words based on verbal/visual cues related to a contemporary / age-appropriate topic. One out of the two given questions to be answered.
9. Long Writing Task: Debate based on visual/verbal inputs in 120-150 words, thematically related to contemporary, topical issues. One out of the two given questions

PHYSICS:

Chapter 1: Units and Measurements
Chapter 2: Motion in a Straight Line
Chapter 3: Motion in a Plane
Chapter 4: Laws of Motion
Chapter 5: Work, Energy and Power
Chapter 6: System of Particles and Rotational Motion
Chapter 7: Gravitation

Chapter 8: Mechanical Properties of Solids
Chapter 9: Mechanical Properties of Fluids
Chapter 10: Thermal Properties of Matter
Chapter 11: Thermodynamics
Chapter 12: Kinetic Theory
Chapter 13: Oscillations
Chapter 14: Waves

<u>CHEMISTRY :</u> Chapter 1: Some Basic Concepts of Chemistry Chapter 2: Structure of Atom Chapter 3: Classification of Elements and Periodicity in Properties Chapter 4: Chemical Bonding and Molecular Structure	Chapter 5: Chemical Thermodynamics Chapter 6: Equilibrium Chapter 7: Redox Reactions Chapter 8: Organic Chemistry-Some Basic Principles and Techniques Chapter 9: Hydrocarbons- Aliphatic Hydrocarbons & Aromatic Hydrocarbons
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BIOLOGY:

Chapter 1: The Living World Chapter 2: Biological Classification Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom Chapter 5: Morphology of Flowering Plants Chapter 6: Anatomy of Flowering Plants Chapter 7: Structural Organisation in Animals Chapter 8: Cell-The Unit of Life Chapter 9: Biomolecules Chapter 10: Cell Cycle and Cell Division Chapter 11: Photosynthesis in Higher Plants	Chapter 12: Respiration in Plants Chapter 13: Plant - Growth and Development Chapter 14: Breathing and Exchange of Gases Chapter 15: Body Fluids and Circulation Chapter 16: Excretory Products and their Elimination Chapter 17: Locomotion and Movement Chapter 18: Neural Control and Coordination Chapter 19: Chemical Coordination and Integration
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