



# DELHI PUBLIC SCHOOL, SANGRUR

ENTRANCE TEST SYLLABUS

CLASS- XII MEDICAL

SESSION 2024-25

## **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

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

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