



DELHI PUBLIC SCHOOL, SANGRUR

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

<ol style="list-style-type: none"> 1. Relation and function 2. Trigonometry 3. Sets 4. Linear Inequations 5. Complex numbers 6. Permutation and Combinations 7. Binomial 	<ol style="list-style-type: none"> 8. Sequence and series 9. Straight line 10. Conic Sections 11. Limits and derivatives 12. Probability 13. Statistics
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