SYLLABUS FOR ADMISSION TEST FOR ADMISSION TO CLASS XI 2023-24

PHYSICS

1. CHAPTER 10: Light – Reflection and Refraction.
2. CHAPTER 11: The Human Eye and the Colourful World.
3. CHAPTER 12: Electricity

[Chapter number refers to SCIENCE for Class 10 published by N.C.E.R.T]

CHEMISTRY

Chapter – I
Chemical Reactions And Equations
Chapter – 2
Acids, Bases, And Salts
Chapter – 3
Metals And Non-Metals
Chapter – 4
Carbon And Its Compounds

MATHEMATICAL APTITUDE

1. Polynomials
2. Pair Of Linear Equations In Two Variables
3. Quadratic Equations
4. Introduction To Trigonometry
5. Some Applications Of Trigonometry – Problems On Heights And Distances
6. Statistics – Mean, Median And Mode (No Graph)
7. Surface Areas And Volumes.

MATHEMATICS

1. Polynomials
2. Pair Of Linear Equations In Two Variables
3. Quadratic Equations
4. Introduction To Trigonometry
5. Some Applications Of Trigonometry – Problems On Heights And Distances
6. Statistics – Mean, Median And Mode (No graph)
7. Geometry – Similar Triangles (including Basic Proportionality Theorem).
8. Surface Areas And Volumes .
9. Areas related to Circles

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ENGLISH

READING: COMPREHENSION

UNSEEN PROSE

(PASSAGE/EXTRACT FOLLOWED by VSAQ's & MCQ's INCLUDING VOCABULARY)

WRITING: COMPOSITION

LETTER WRITING (FORMAL & INFORMAL)

COMPOSITION: (any one)

STORY WRITING (BASED ON VERBAL OR VISUAL INPUT)

Or

NARRATIVE, DESCRIPTIVE, ARGUMENTATIVE

(in about 250-300 words)

GRAMMAR

GAP-FILLING, SENTENCE COMPLETION /DIALOGUE-COMPLETION, REORDERING WORD GROUPS INTO SENTENCES, EDITING PASSAGES, OMISSION, SENTENCE TRANSFORMATION

TOPICS:

ARTICLES, TENSES, PREPOSITIONS, CONJUNCTIONS

 NON-FINITES   CONDITIONALS   SUBJECT –VERB CONCORD

DIRECT & INDIRECT SPEECH   ACTIVE & PASSIVE VOICE