



DELHI PUBLIC SCHOOL (ALIGARH | CIVIL LINES | HATHRAS)

SYLLABUS FOR INTERACTION FOR ADMISSION TO CLASS XI (2023 – 2024)

(STREAM – PCM)

Admission to **Class XI – Stream PCM** is based on the student's ability in the following subjects with special reference to the specific areas mentioned under each subject.

We expect evidence of good general knowledge & knowledge of current affairs.

We also look for evidence of values and good manners.

ENGLISH

- Unseen Comprehension: Poem and Prose Passage (Direct and vocabulary based questions & extrapolatory questions)
- Article / Speech writing based on visual / verbal input
- Formal Letter: Letter to the Editor, Letter of Complaint, Letter Placing Order
- Grammar Areas: Determiners, Tenses, Clauses, Modals, Active and Passive Voice, Subject-Verb Agreement
- Grammar Tasks: Gap Filling, Omissions, Editing, Sentence Transformation, Sentence Reordering, Dialogue Completion

MATHEMATICS

1. Quadratic Equation
2. Arithmetic Progression
3. Coordinate Geometry
4. Introduction to Trigonometry
5. Circles
6. Areas related to circles
7. Surface Areas and Volumes
8. Probability

SCIENCE

PHYSICS

1. Reflection, Refraction of light
2. Electricity
3. Magnetic effect of electric current
4. Sources of energy

CHEMISTRY

1. Carbon and its Compounds
2. Metals and Non Metals
3. Periodic classification of elements