

**ARMY PUBLIC SCHOOL BINANGURI**  
**SYLLABUS FOR ENTRANCE TEST 2024-25**  
**CLASS-X**

**SUBJECT: MATHS**

- Real Numbers
- Polynomials
- Heron's Formula [ Problems on quadrilaterals excluded]
- Linear Equations in two variables
- Surface area and volume
- **Congruence of triangles**
- Coordinate Geometry
- Lines and Angles
- Cyclic Quadrilaterals

**SUBJECT: ENGLISH**

- Comprehension (Reading)
- Formal letter, Article, Diary Entry
- Integrated
  - Grammar
- Reported Speech
  - Determiners
  - Tenses
  - Modals
  - Subject -verb Agreement

**SUBJECT: HINDI**

अपठित गद्यांश और पद्यांश आधारित प्रश्न |

अनुस्वार, अनुनासिक, मुहावरे, अर्थ के आधार पर वाक्य भेद, श्रुतिसम भिन्नार्थक शब्द, उपसर्ग-प्रत्यय, पर्यायवाची, विलोम शब्द, अलंकार, विज्ञापन |

पत्र लेखन, अनुच्छेद लेखन, सूचना लेखन |

**SUBJECT: SCIENCE**

- Atoms & Molecules
- Structure of Atom
- Work power, Energy
- Fundamental unit of life
- Tissue
- Improvement in food resources