BIRLA BHARATI

Affiliated to CBSE, Delhi

Admission Test Syllabus (Session 2020-21)

CLASS IX

English

1. **WRITING AND READING SKILL**
   - **i) Letter writing(Formal and informal)**
   - **ii) Comprehension**
   - **iii) Composition writing**
2. **GRAMMAR**
   - **i) Determiners**
   - **ii) Verbs**
   - **iii) Prepositions**
   - **iv) Conjunctions**
   - **v) Adjectives**
   - **vi) Sentences(all kinds)**
   - **vii) Voice**
   - **viii) Direct and Indirect Speech**
   - **ix) Different forms of a word**

MATHEMATICS

1. **Exponents**
2. **Square roots**
3. **Algebraic identities: $(a + b)^2$, $(a – b)^2$, $(a^2 – b^2)$**
4. **Division algorithm**
5. **Factorization of algebraic expressions**
6. **Linear equations in one variable**
7. **Time and work**
8. **Percentage**
9. **Quadrilaterals**
10. **Mensuration:**
    - **(i) area and perimeter of plane figures**
    - **(ii) volume and surface areas of cube, cuboid, cylinder, cone, sphere (simple applications)**