



Estd. 1901

# BIRLA SCHOOL, PILANI

Pilani (Rajasthan)

A Century Old Fully Residential CBSE School for Boys

## SYLLABUS FOR ADMISSION APTITUDE ASSESSMENT

### CLASS V

#### ENGLISH:

1. Unseen Passage
2. Grammar – Nouns, Adjectives, Verbs & Preposition
3. Writing- Picture composition , Story writing

(30)

#### HINDI: व्याकरण: संज्ञा, लिंग, कारक, सर्वनाम, क्रिया

लेखन : कहानी लेखन , चित्र देखकर पाँच वाक्य का निर्माण करना  
अपठित गद्यांश

(30)

#### MATHEMATICS:

1. Multiplication
2. Division
3. Addition
4. Subtraction
5. Whole, prime and odd numbers

(30)

**LIFE SKILLS:** Self Awareness, Social Skills, Decision making, Critical thinking.

(10)

### CLASS VI

#### ENGLISH:

1. Unseen Passage
2. Grammar – pronoun, verbs, conjunctions, prepositions adverbs
3. Writing- Notice writing, picture composition, informal letter

(30)

#### HINDI: व्याकरण: संज्ञा, कारक, सर्वनाम, क्रिया, विशेषण, कारक और वचन

अनुच्छेद लेखन कहानी लेखन  
अपठित गद्यांश

(30)

#### MATHEMATICS:

1. Multiplication
2. Division
3. Factorization
4. Shapes
5. Whole, prime and odd numbers

(30)

**LIFE SKILLS:** Self Awareness, Social Skills, decision making, Critical thinking.

(10)

### CLASS VII

#### ENGLISH:

1. Unseen Passage
2. Grammar –Prepositions, Conjunctions, Tenses
3. Writing- Paragraph writing, informal letter, Story writing

(30)

**HINDI:** व्याकरण: वर्ण विचार , शब्द विचार , काल , उपसर्ग एवं प्रत्यय, समास , वाक्य विचार , वाच्य/ अव्यय (30)  
संवाद लेखन कहानी लेखन  
अपठित गद्यांश

**MATHEMATICS:** (30)

1. Integers
2. Decimals
3. Factorization
4. Ratio and proportion
5. Basic Geometrical ideas

**LIFE SKILLS:** Self Awareness, Interpersonal relationship skills., critical thinking, problem solving. (10)

### CLASS VIII

**ENGLISH:** (30)

1. Unseen Passage
2. Grammer – modals, tenses, voices, prepositions
3. Writing – diary entry, notice, story, letter writing

**HINDI:** (30)

भाषा, लिपि और व्याकरण, वर्ण विचार, उपसर्ग, प्रत्यय, अव्यय  
लेखन : अनुच्छेद लेखन , संवाद लेखन  
अपठित : गद्यांश और काव्यांश

**MATHEMATICS:** (30)

1. Data handlings
2. Lines and angles
3. Rational number
4. Perimeter and area
5. Algebraic expressions and identities

**LIFE SKILLS:** Interpersonal relationship skills., critical thinking, Effective communication, Problem Solving. (10)

### CLASS IX

**ENGLISH:** (30)

1. Unseen Passage
2. Grammer – modals, tenses, voices, Determiners
3. Writing – diary entry, notice, story, Informal letter

**HINDI:** (30)

भाषा, संधि , समास , वाक्य विचार , वाच्य , अव्यय  
लेखन : कहानी लेखन , दृश्य वर्णन  
अपठित : गद्यांश और काव्यांश

**MATHEMATICS:** (30)

1. Mensurance
2. Factorization
3. Understanding quadrilaterals
4. Comparing quantities
5. Square & square root, cubes and cube roots

**LIFE SKILLS:** Interpersonal relationship skills., critical thinking, Effective communication, Problem Solving, Empathy, Creative thinking, Self analysis. (10)

## CLASS XI

### ENGLISH:

(30)

1. Unseen Passage
2. Gap filling, Editing, Voices, Direct & Indirect Speech.
3. Letter to the editor, Article writing, Report writing.

### MATHEMATICS:

(30)

1. Basic questions of trigonometry.
2. Basic questions of similarity and pythagoras theorem.
3. Basic questions of quadratic equations, linear equations and arithmetic progression.
4. Basic questions of mensuration.

### PHYSICS:

(10)

1. Lense
2. Magnetic effect of current
3. Mirror
4. Refractive index

### CHEMISTRY:

(10)

1. Chemical reactions and equations : Chemical reactions and type of chemical reactions.
2. Acids, Bases & Salts: Properties of acid and bases.
3. Carbon and its compounds:
  - Saturated and unsaturated carbon compounds.
  - Nomenclature of carbon compounds.
  - Functional groups
  - Chemical properties of carbon compounds
  - Properties of ethanol and ethanoic acid.

### BIOLOGY:

(10)

1. Life Processes.
2. Control & coordination.
3. Heredity.

### LIFE SKILLS:

(10)

1. Self reflection
2. Reasoning
3. Empathy
4. Risk taking
5. How to cope-up with challenges
6. Future aspiration
7. Effective communication
8. Leadership quality
9. Interpersonal relationship
10. Critical thinking
11. Problem solving