



## ARMY PUBLIC SCHOOL BOLARUM

### SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021



#### CLASS-II (Syllabus of Class I)

#### ENGLISH

1. Passage Comprehension

2. Composition – (i) My Self (ii) My Pet (iii) My Best Friend

#### Grammar

- i) Naming words (Nouns) (viii) This / That / These / Those
- ii) Describing words (Adjectives)
- iii) Doing words (Verbs)
- iv) Prepositions (in, on, under, behind) (ix) He / She / It / They (Pronouns)
- v) Use of 'is', 'are', 'am'
- vi) Opposites
- vii) Singular – Plural (one-many) (s,es)

#### HINDI

- 1..विलोम शब्द
- 2 अपठित गद्यांश
- 3 वचन बदलो
- 4 लिंग बदलो
- 5 संज्ञा
- 6 मेरा प्रिय दोस्त,या मेरा परिचय पर
- 5 वाक्य बनाओ

#### MATHS

- 1. Shapes (Triangle, Rectangle, Square, Oval, Circle)
- 2. Numbers from 1 to 200  
(Smallest and Biggest No's)  
Ascending Order, Descending Order Tens & Ones } till 100  
Before, After, Between
- 3. Addition (One digit, two digits without carrying)
- 4. Subtraction (One digit, Two digits without borrowing) } Word sums
- 5. Tables 1 to 5 (Dodging)
- 6. Number names (one to hundred)
- 7. Measurement (Long, More, less, Tall, Short, Big, Small, Thick, Thin)
- 8. Patterns (Shape and number)
- 9. Money
- 10. Data Handling



**ARMY PUBLIC SCHOOL BOLARUM**  
**SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021**  
**CLASS-III (Syllabus of Class II)**



**ENGLISH**

1. Passage Comprehension / (2) Creative Writing (My Family)
2. Grammar
  - (i) Preposition
  - (ii) Pronouns
  - (iii) Naming words
  - (iv) Describing words
  - (v) Simple past tense ('ed' words)
  - (vi) Plurals (s, es, ies)
  - (vii) Punctuation (capital, full stop, question mark)

**HINDI**

- |                 |                       |                                 |
|-----------------|-----------------------|---------------------------------|
| 1..विलोम शब्द   | 2 समान अर्थ वाले शब्द |                                 |
| 3 वचन बदलो      | 4 लिंग बदल कर लिखो    |                                 |
| 5 अपठित गद्यांश | 6 संज्ञा              |                                 |
| 7 सर्वनाम       | 8 क्रिया              | 9 मेरा प्रिय त्योहार -- 5 वाक्य |

**MATHS**

1. Multiplication by 3 digit number without carrying
  2. Numbers – place values of numbers till 900, Expanded forms.
  3. Addition of two digit numbers with carrying & without carrying.
  4. Subtraction - 2 digit numbers, Subtraction by borrowing.
  5. Time
  6. Division – 2 digit number
  7. Measurement (length, weight, capacity)
- } Word sums



**ARMY PUBLIC SCHOOL BOLARUM**  
**SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021**  
**CLASS-IV (Syllabus of Class III)**



**ENGLISH**

1. Passage Comprehension
2. Grammar
  - (i) Singular and Plural
  - (ii) Articles – a, an, the
  - (iii) Conjunction and, but, so, or
  - (iv) Pronoun and adjectives
  - (v) Prepositions
  - (vi) Tenses – Simple present and simple past
  - (vii) Collective Nouns
3. Composition / Paragraph writing

**HINDI**

1. चित्र लेखन / अनुच्छेद लेखन
2. समान अर्थ वाले शब्द
3. विलोम शब्द
4. संज्ञा
5. सर्वनाम
6. विशेषण
7. क्रिया
8. लिंग बदल कर लिखो
9. अपठित गद्यांश

**MATHS**

1. Addition of 4 digit numbers.
2. Subtraction of 4 digit numbers.
3. Multiplication by Single & double digit.
4. Division by single digit
5. Time
6. Money
7. Numbers:-1) Number names 2) Expanded form 3) Place Value 4) Ascending Order  
5) Descending Order 6) Greater than / less than (4 digit nos).



**ARMY PUBLIC SCHOOL BOLARUM**  
**SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021**  
**CLASS-V (Syllabus of Class IV)**



**ENGLISH**

1. Comprehension passage
2. Grammar
  - (i) Common and Proper Noun
  - (ii) Adverbs of manner
  - (iii) Simple present / past / future tense
  - (iv) Pronouns
  - (v) Present and past continuous tense
  - (vi) Conjunctions
  - (vii) Prepositions
3. Composition / paragraph writing

**HINDI**

- 1 चित्र लेखन / अनुच्छेद लेखन
- 2 अपठित गद्यांश
- 3 विलोम शब्द
- 4 समानार्थक शब्द
- 5 वचन बदलो
- 6 संज्ञा
- 7 सर्वनाम
- 8 विशेषण

**MATHS**

1. Addition – 5 digit numbers
2. Subtraction – 5 digit numbers
3. Multiplication – by 3 digit numbers
4. Division – by 2 digit numbers
5. Fractions - addition and subtraction of Fractional number
6. Money
7. Time – 24 hour clock, Time interval



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**SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021**  
**CLASS-VI (Syllabus of Class V)**

**ENGLISH**

1. Comprehension passage
2. Grammar
  - (i) Preposition
  - (ii) Degrees of comparison
  - (iii) Personal pronouns
  - (iv) Passive Voice
  - (v) Reported Speech
  - (vi) Adverb of manner, time and place
  - (vii) Tenses: Continuous, Perfect Tense: Present and Past Perfect
3. Picture composition / paragraph writing

**HINDI**

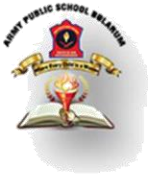
- 1 चित्र कथा लेखन / अनुच्छेद लेखन
- 2 क्रिया विशेषण
- 3 पर्यायवाची
- 4 वाक्य बनाओ
- 5 मुहावरे
- 6 लिंग बदलो
- 7 अनेक शब्दों के लिए एक शब्द
- 8 काल
- 9 वर्तनी
- 10 अपठित गद्यांश

**MATHS**

1. Operation with numbers.
  - (a) Addition (b) Subtraction (c) Multiplication (d) Division
2. Factors and Multiples
  - (a) L.C.M (b) H.C.F
3. Fractions
  - (a) Addition (b) Subtraction (c) Multiplication (d) Division
4. Decimals
  - (a) Addition (b) Subtraction (c) Multiplication (d) Division
5. Area and Volume
6. Geometry.
7. Time

**GENERAL SCIENCE**

1. Protecting Plants and Animals
2. Natural Calamities
3. Plants
4. Living Safely
5. Eating Right
6. India and the world
7. Reaching Places
8. Communicable Diseases



**ARMY PUBLIC SCHOOL BOLARAM**  
**SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021**



**CLASS-VII (Syllabus of Class VI)**

**ENGLISH**

1. Comprehension Passage
2. Paragraph writing
3. Formal letter/Informal letter
4. Notice Writing
5. Conjunctions
6. Determiners
7. Tenses (Present, Past and Future)
8. Antonyms / Synonyms

**MATHEMATICS**

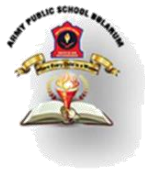
1. Integers
2. Mensuration
3. Ratio and Proportion
4. Fractions
5. Decimals

**SCIENCE**

- |  |                             |
|--|-----------------------------|
| 1. Fun with Magnets                        | 2. Electricity and Circuits |
| 3. Living Organisms and their surroundings | 4. Water                    |
| 5. Air Around us.                          | 6. Getting to know plants   |

**HINDI**

- |              |                           |
|--------------|---------------------------|
| 1 पत्र       | 6 पर्यायवाची शब्द         |
| 2 अनुच्छेद   | 7 शब्द को शुद्ध करके लिखो |
| 3 लिंग       | 8 संज्ञा                  |
| 4 वचन        | 9 विशेषण                  |
| 5 विलोम शब्द |                           |



## ARMY PUBLIC SCHOOL BOLARUM

### SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021

#### CLASS-VIII (Syllabus of Class VII)



#### ENGLISH

1. Comprehension Passage
2. Formal and Informal letter Writing / Email
3. Notice / Paragraph Writing / Message
4. Synonyms and Antonyms
5. Articles, Prepositions, Nouns, Verbs, Adjectives, Adverbs
6. Active and Passive Voice
7. Reported Speech
8. Tenses

#### MATHEMATICS

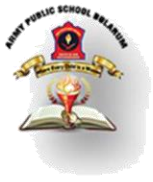
1. Algebraic Expressions
2. Rational Numbers
3. Perimeter and Area
4. Exponents
5. Triangles and Properties of triangles
6. Percentages

#### SCIENCE

- |                                       |                                 |
|---------------------------------------|---------------------------------|
| 1. Respiration in organisms           | 6 Acid-bases & Salts            |
| 2. Transportation in Plants & Animals | 7 Physical and Chemical Changes |
| 3. Heat                               | 8 Forest our Lifeline           |
| 4. Electric current & its effects     |                                 |
| 5. Motion and Time                    |                                 |

#### HINDI

- |                                 |                    |
|---------------------------------|--------------------|
| 1 अनुच्छेद लेखन                 | 6 संज्ञा           |
| 2 पत्र                          | 7 उपसर्ग / प्रत्यय |
| 3 मुहावरों का वाक्यो में प्रयोग | 8 पर्यायवाची       |
| 4 वचन                           | 9 वर्तनी शुद्ध करो |
| 5 लिंग                          |                    |



## ARMY PUBLIC SCHOOL BOLARUM

### SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021

#### CLASS-IX (Syllabus of Class VIII)



#### ENGLISH

1. Comprehension Passage
2. Formal/Informal letter Writing/  
E-mail writing
3. Nouns / Verbs / Adjectives  
Articles / Prepositions/ Conjunctions,  
Adverbs and Tenses.
4. Jumbled words, omission and editing
5. Active and passive voice
6. Reported Speech
7. Story Writing

#### MATHEMATICS

1. Direct and inverse proportions
2. Cubes and cube roots
3. Mensuration
4. Algebraic Expression
5. Factorization
6. Exponents and powers
7. Squares and square roots

#### SCIENCE

1. Light
2. Sound
3. Cell-structure and functions
4. Reproduction in animals
5. Chemical effects of electric current
6. Pressure
7. Some Natural Phenomena
8. Metals & Non Metals

#### HINDI

- 1 पत्र
- 2 अनुच्छेद
- 3 विलोम
- 4 पर्यायवाची
- 5 तत्सम / तद्भव शब्द
- 6 उपसर्ग / प्रत्यय
- 7 संधि,
- 8 वाक्य शुद्ध करो
- 9 लिंग, वचन
- 10 मुहावरे





**ARMY PUBLIC SCHOOL BOLARUM**  
**SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021**  
**CLASS-X (Syllabus of Class IX)**



**ENGLISH**

1. Comprehension Passage
2. Letter Writing (Formal),
3. Article Writing,
4. Diary entry
5. Jumbled Words, Editing, Omission, Gap filling and transformation of sentences.

**MATHEMATICS**

1. Linear Equations in two Variables (word problems)
2. Probability
3. Polynomials
4. Quadrilaterals
5. Circles
6. Area of parallelograms
7. Surface areas and volumes

**SCIENCE (CHEMISTRY)**

1. Matter Around us is Pure
2. Structure of atom

**PHYSICS**

1. Motion
2. Force & Laws of Motion
3. Work, Energy and power

**BIOLOGY**

1. Why do we fall ill
2. Diversity in the living Organisms
3. Tissues

**HINDI**

- 1 अनुस्वार, अनुनासिक, नुक्ता, विराम चिह्न
- 2 उपसर्ग – प्रत्यय
- 3 अनुच्छेद ( 80–100 शब्दों में )
- 4 पत्र
- 5 वर्ण विच्छेद
- 6 संधि



## ARMY PUBLIC SCHOOL BOLARUM

### SYLLABUS FOR ENTRANCE EXAMINATION 2020-2021 CLASS-XII (Syllabus of Class XI)



#### ENGLISH

1. Comprehension Passages
2. Formal letters including Job Application and Curriculum Vitae
3. Newspaper Report, Speech, Debate and Article
4. Notice, Poster and Composition based on Visual / Verbal Input
5. Integrated Grammar Exercises
  - (a) Editing
  - (b) Jumbled Words / Phrases
  - (c) Omission
  - (d) Sequencing of sentences

#### MATHEMATICS

1. Trigonometry
2. Relations and Functions
3. Introduction to 3D Geometry
4. Limits and Derivatives
5. Probability
6. Permutations and Combinations

#### SCIENCE (CHEMISTRY)

1. Hydro Carbons
2. States of Matter
3. Chemical bonding and Molecular structure
4. Structure of atom
5. S-block elements
6. P-block elements
7. Basic concepts of Organic Chemistry

#### PHYSICS

1. Kinematics
2. Motion of system of particles and Rigid body
3. Properties of Bulk matter
4. Oscillation & Waves
5. Dimensional Analysis

#### BIOLOGY

1. Biological Classification
2. Morphology & Anatomy of Flowering Plants
3. Cell, Cell Cycle & Cell division
4. Plant Physiology
5. Human Physiology

#### ECONOMICS

1. Measures of central tendency (stats)
2. Consumer's equilibrium (Utility & IC analysis)
3. Producer's equilibrium (MR-MC approach)
5. Market equilibrium

#### COMMERCE (Business Studies)

1. Forms of Business Organization
2. Formation of a Joint Stock Company
3. Sources of Finance
4. World Trade Organization
5. International Monetary Fund

#### HISTORY

1. Writing & City Life
2. An Empire across three Continents
3. The Three Orders
4. Changing Cultural Traditions
5. The Industrial Revolution

#### PHYSICAL EDUCATION

1. Lesson 5 - Yoga
2. Lesson 7 - Test and Measurements
3. Lesson 9 - Psychology and Sports
4. Lesson 10 - Training in Sports

#### PSYCHOLOGY

1. Chapter 1 - What is Psychology
2. Chapter 4 - Human Development
3. Chapter 6 - Learning

#### ACCOUNTANCY

1. Bank reconciliation statement.
2. Depreciation
3. Journal Entries and Ledger Posting
4. Final A/C of sole proprietorship
5. Accounting Principles

#### POLITICAL SCIENCE

1. Rights in the Indian Constitution
2. Legislature
3. Judiciary
4. Federalism
5. Citizenship (Political Theory)

#### INFORMATICS PRACTICE

1. Basics of Python
2. Data base management using MYSQL