

ARMY PUBLIC SCHOOL BINNAGURI

SYLLABUS FOR ENTRANCE TEST – 2017 - 18

CLASS: XI

ENGLISH

1. UNSEEN COMPREHENSION
2. INTEGRATED GRAMMAR
3. WRITING TASKS---
 - a) FORMAL / INFORMAL LETTER
 - b) ARTICLES
 - c) SPEECH
 - d) REPORT
 - e) DESCRIPTION/ PROCESS WRITING
 - f) NOTICE WRITING
 - g) CREATIVE WRITING

(NOTE: GROUP DISCUSSION ROUND FOR SHORT LISTING)

MATHEMATICS

1. MENSURATION
2. QUADRATIC EQUATIONS
3. ARITHMETIC PROGRESSIONS OR MATRICES
4. CO-ORDINATE GEOMETRY
5. PROBABILITY
6. TRIGONOMETRY AND APPLICATION OF TRIGONOMETRY

SCIENCE

1. CHEMICAL REACTIONS AND EQUATIONS
2. ACID, BASE AND SALTS (EXCLUDING Na, Ca, COMPOUNDS)
3. METALS AND NON-METALS
4. CARBON AND ITS COMPOUNDS
5. PERIODIC CLASSIFICATION OF ELEMENTS
6. LIFE PROCESSES (EXCLUDING RESPIRATION)
7. CONTROL AND COORDINATION
8. HOW DO ORGANISMS REPRODUCE?
9. HEREDITY AND EVOLUTION
10. LIGHT- REFLECTION AND REFRACTION
11. ELECTRICITY

SOCIAL SCIENCE (HISTORY, GEOGRAPHY, DEMOCRATIC POLITICS)

I. HISTORY

- a. THE INDUS VALLEY CIVILIZATION
- b. THE MUGHAL EMPIRE
- c. THE POPULAR BELIEFS AND RELIGIOUS DEBATES
- d. THE ESTABLISHMENT OF COMPANY POWER IN INDIA
- e. THE REVOLT OF 1857
- f. THE NATIONALIST MOVEMENT FROM 1885 TO 1947
- g. UNDERSTANDING PARTITION (INDO-PAK)

II. GEOGRAPHY

- a. RESOURCES AND DEVELOPMENT
- b. FOREST AND WILDLIFE RESOURCES IN INDIA
- c. AGRICULTURE IN INDIA
- d. MINERALS AND ENERGY RESOURCES IN INDIA
- e. MANUFACTURING INDUSTRIES IN INDIA
- f. MEANS OF TRANSPORT AND COMMUNICATION
- g. PHYSICAL FEATURES OF INDIA
- h. CLIMATE OF INDIA

III. DEMOCRATIC POLITICS

- a. WHAT IS DEMOCRACY? WHY DEMOCRACY?
- b. CONSTITUTIONAL DESIGN (FRAMING OF INDIAN CONSTITUTION)
- c. DEMOCRATIC RIGHTS
- d. DEMOCRACY AND DIVERSITY
- e. POLITICAL PARTIES IN INDIA
- f. CHALLENGES AND OUTCOMES OF DEMOCRACY