



# ENTRANCE EXAMINATION-IX

## DR. B.B. CHAVAN MILITARY SCHOOL & ACADEMY

Khandi Pimpalgaon, Tq.Khultabad. Dist: Chh. Sambhajinagar

ENT : 2025  
TIME : 1Hr

Sr.No:  
Max Marks : 50

### QUESTION BOOKLET

#### GENERAL GUIDELINES

1. Do not carry any book, paper or any other material with you inside the Examination Hall.
2. Carry only writing material with you in the Examination Hall.
3. Result of this Examination will be conveyed to you on your registered Mobile No.
4. All successful candidates will be called for the personal interview.
5. This Booklet contains FOUR SECTIONS as : General Science, Mathematics, English, General Knowledge (FACTUAL). Each section contains 10 Multiple Choice Question. Total there are 40 MCQs . **And the writing/language Skills will be assessed through an ESSAY WRITING of 10M.**
6. Each question has four responses (Answers) as A, B, C, & D. You have to select the response which you want to mark on the Answer Sheet . In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, Choose Only One response for each Question.
7. After having selected the correct choice from the test Booklet, you should indicate that choice by completely blackening the respective circle, DO NOT merely cross the circle. You should indicate correct answer by blackening ONLY ONE circle in each answer. Any answer having more than ONE blackened circle will be treated as **WRONG answer**
8. All the answers must be marked on the Answer Sheet only (OMR SHEET) . Do not write anything on this Test Booklet.
9. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR QUESTION ETC. IF SO, GET IT REPLACED BY

A NEW ONE.

10. Ask for a separate paper for rough work.

**11. IMPORTANT.**

Read the questions carefully, Remember, answers are to be indicated in the Answer Sheet Only. Return the Test Booklet, Rough work papers and the Answer Sheet immediately when asked to do so. You are NOT permitted to take away with you any paper concerning the examination.

12. Before starting the answering ensure that you have filled the complete information at the top of this Answer Sheet. Incomplete Answer Sheet will be regarded as invalid.

**THANK YOU & BEST OF LUCK !**

Dr. B. B. C. M. S. A.

## SECTION- I – ENGLISH

- Which tense is used to describe an action that happened at a specific time in the past?  
A) Present tense    B) Past tense    C) Future tense    D) Past perfect tense
- What is the verb form of the word "go" in the present tense?  
A) Go    B) Goes    C) Going    D) Gone
- What is a group of words that contains a subject and a predicate called?  
A) Phrase    B) Clause    C) Sentence    D) Paragraph
- What is the modal verb used to express ability?  
A) Can    B) Could    C) May    D) Might
- What is the voice in which the subject performs the action described by the verb called?  
A) Active voice    B) Passive voice    C) Middle voice    D) Neutral voice
- What is the term for words that have the same spelling but different meanings?  
A) Homophones    B) Homographs    C) Synonyms    D) Antonyms
- What is the function of a comma in a sentence?  
A) To separate items in a list    B) To separate clauses in a sentence  
C) To indicate a pause in a sentence    D) All of the above
- Who is the main character in the novel "The Adventures of Tom Sawyer"?  
A) Tom Sawyer    B) Huckleberry Finn    C) Mark Twain    D) Becky Thatcher
- Which of the following sentences is in the present perfect tense?  
A) I go to school every day.    B) I have gone to school every day.  
C) I will go to school tomorrow.    D) I went to school yesterday.
- What is the term for a sentence that has two or more independent clauses?  
A) Simple sentence    B) Compound sentence    C) Complex sentence    D) Compound-complex sentence

## SECTION - II – SCIENCE

- What is the process of growing plants called?  
A) Agriculture    B) Horticulture    C) Forestry    D) Animal Husbandry
- Which microorganism is responsible for fermentation?  
A) Bacteria    B) Virus    C) Fungus    D) Yeast
- Which metal is known for its high melting point?  
A) Iron    B) Copper    C) Silver    D) Tungsten
- What is the process of forming coal called?  
A) Carbonization    B) Cracking    C) Refining    D) Distillation

5. What is the process of protecting endangered species called?
- A) Conservation      B) Preservation      C) Restoration      D) Rehabilitation
6. Which part of the cell is responsible for photosynthesis?
- A) Mitochondria      B) Chloroplast      C) Nucleus      D) Cytoplasm
7. Which type of reproduction is asexual?
- A) Budding      B) Binary fission      C) Conjugation      D) Sexual reproduction
8. What is the process of physical and emotional changes called?
- A) Adolescence      B) Puberty      C) Menopause      D) Old age
9. Which type of combustion is exothermic?
- A) Rapid combustion      B) Slow combustion      C) Spontaneous combustion      D) Explosive combustion
10. Which hormone is responsible for the development of secondary sex characteristics?
- A) Insulin      B) Thyroxine      C) Adrenaline      D) Testosterone

### SECTION - III - MATHS

1. What is the additive inverse of  $\frac{3}{4}$ ?
- A)  $\frac{1}{4}$       B)  $-\frac{3}{4}$       C)  $\frac{3}{4}$       D)  $-\frac{1}{4}$
2. Solve the equation  $2x + 5 = 11$ .
- A)  $x = 2$       B)  $x = 3$       C)  $x = 4$       D)  $x = 5$
3. What is the sum of the interior angles of a quadrilateral?
- A)  $180^\circ$       B)  $270^\circ$       C)  $360^\circ$       D)  $450^\circ$
4. What is the mode of the data set  $\{2, 4, 6, 4, 2\}$ ?
- A) 2      B) 4      C) 6      D) 8
5. What is the square of 13?
- A) 26      B) 39      C) 130      D) 169
6. What is the percentage increase from 20 to 30?
- A) 20%      B) 30%      C) 40%      D) 50%
7. What is the value of  $x$  in the equation  $2x + 5 = 11$ ?
- A) 2      B) 3      C) 4      D) 5
8. What is the name of the solid shape with 6 square faces?
- A) Cube      B) Cuboid      C) Sphere      D) Cylinder

9. If 3 people can do a job in 4 hours, how many people will be needed to do the same job in 2 hours?  
A) 2            B) 3            C) 4            D) 6
10. What is the factorization of 24?  
A)  $2 \times 2 \times 2 \times 3$             B)  $2 \times 3 \times 4$             C)  $2 \times 6 \times 2$             D)  $3 \times 8$

## SECTION - IV – GENERAL KNOWLEDGE

1. Which ancient civilization built the Great Pyramid of Giza?  
A) Egyptians            B) Greeks            C) Romans            D) Mesopotamians
2. Who was the founder of the Mughal Empire?  
A) Babur            B) Akbar            C) Shah Jahan            D) Aurangzeb
3. Which river is the longest in Asia?  
A) Yangtze River            B) Yellow River            C) Mekong River            D) Brahmaputra River
4. Which mountain range runs along the border between France and Spain?  
A) Pyrenees            B) Alps            C) Carpathians            D) Apennines
5. Who is credited with the discovery of gravity?  
A) Galileo Galilei            B) Isaac Newton            C) Albert Einstein            D) Leonardo da Vinci
6. Who is the author of the famous poem "The Road Not Taken"?  
A) Robert Frost            B) William Wordsworth            C) John Keats            D) Emily Dickinson
7. Which tennis tournament is considered the oldest and most prestigious?  
A) Wimbledon            B) US Open            C) Australian Open            D) French Open
8. Who is the founder of the Olympic Games?  
A) Pierre de Coubertin            B) William Penny Brookes            C) Carl Diem            D) Avery Brundage
9. Which country is the largest producer of milk?  
A) India            B) China            C) USA            D) Brazil
10. Which state is the largest in India by area?  
A) Rajasthan            B) Madhya Pradesh            C) Maharashtra            D) Uttar Pradesh

## ESSAY WRITING

### WRITE AN ESSAY

Should school uniforms be compulsory?      OR      Write about a memorable trip or vacation.