



ENTRANCE EXAMINATION– VII

DR. B. B. CHAVAN MILITARY SCHOOL & ACADEMY

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

ENT : 2025
TIME : 1 Hr

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. 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**
9. All the answers must be marked on the Answer Sheet only (**OMR SHEET**) . Do not write anything on this Test Booklet.
10. 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.
11. Ask for a separate paper for rough work.
12. **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, 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!

English (10Marks)

1. What is the meaning of the word "ebullient"?
 - A) Very energetic and enthusiastic
 - B) Having a strong and bitter taste
 - C) Very slow and dull
 - D) Very weak and fragile
2. Identify the kind of adjective used in the sentence below.
"She bought a few books yesterday."
 - a) Demonstrative
 - b) Adjective of Quantity
 - c) Interrogative
 - d) Adjective of Quality
3. What is the meaning of the idiom "to hit the nail on the head"?
 - a) To make a mistake
 - b) To say something exactly right
 - c) To avoid talking about something
 - d) To express anger
4. Identify the correct form of the verb in the sentence: "If I ___ more time, I would help you."
 - A) had
 - B) have
 - C) was
 - D) will
5. What is the meaning of the word "loquacious"?
 - A) Very quiet and reserved
 - B) Very talkative
 - C) Very strong and solid
 - D) Very shy and introverted
6. Identify the correct form of the pronoun in the sentence: "The teacher gave ___ extra assignments."
 - A) he
 - B) him
 - C) his
 - D) they
7. What is the meaning of the idiom "to spill the beans"?
 - A) To reveal a secret
 - B) To work very hard
 - C) To relax and take a break
 - D) To argue with someone

8. Identify the correct form of the verb in the sentence: "I ___ already finished my project when they called me."
A) had
B) have
C) will
D) am
9. What is the meaning of the word "melancholy"?
A) Full of happiness
B) Feeling sadness or sorrow
C) Very energetic and joyful
D) Full of excitement and thrill
10. Identify the correct form of the adjective in the sentence: "This is the ___ story I have read."
A) more exciting
B) most exciting
C) exciting
D) excited

General Science (10 Marks)

1. What is the process by which the body's cells become specialized to perform specific functions?
A) Mitosis
B) Meiosis
C) Differentiation
D) Photosynthesis
2. Which type of rock is formed from the cooling and solidification of magma?
A) Igneous
B) Sedimentary
C) Metamorphic
D) Foliated
3. An electric cell has terminals.
A) two
B) one
C) four
D) three

4. An electric cell converts energy into

- A) electrical, mechanical
- B) electrical, chemical
- C) chemical, electrical
- D) heat, electrical

5. Is the component of food that makes paper translucent. ()

- A) Carbohydrates
- B) Protein
- C) Fats
- D) None

6. Rice is rich in ()

- A) Carbohydrates
- B) Protein
- C) Fats
- D) Vitamins

7. Fixed joints are found in

- A) Hands
- B) Hip bone
- C) Lower jaw
- D) Skull

8. Outer skeleton is seen in

- A) Dog
- B) Crow
- C) Camel
- D) Snail

9. Identify the group of luminous objects.

- a) Chair, torch, tree
- b) Sun, burning candle, firefly
- c) Bulb, book, eraser
- d) Butterfly, pen, scale

10. A pinhole camera works on the principle of

- a) rectilinear propagation of light
- b) reflection of light
- c) refraction of light
- d) both (a) and (b)

Maths (10 marks)

1. What is the next number in the sequence 1, 4, 9, 16...?

- (a) 20
- (b) 24
- (c) 25
- (d) 30

2. How many sides does a hexagon have?

- (a) 5
- (b) 6
- (c) 7
- (d) 8

3. If a car travels 250 km in 5 hours, how many kilometers does it travel per hour?

- A) 25 km/h
- B) 50 km/h
- C) 75 km/h
- D) 100 km/h

4. What is the area of a triangle with a base of 5 cm and a height of 6 cm?

- A) 12 cm^2
- B) 15 cm^2
- C) 18 cm^2
- D) 20 cm^2

5. If a water tank can hold 1200 liters of water, and 300 liters of water are already in the tank, what percentage of the tank is filled?

- A) 20%
- B) 25%
- C) 30%
- D) 35%

6. What is the volume of a rectangular prism with a length of 6 cm, a width of 4 cm, and a height of 3 cm?

- A) 60 cm^3
- B) 72 cm^3
- C) 80 cm^3
- D) 90 cm^3

7. If a bike costs ₹8,000, and a 10% discount is applied, how much will the bike cost after the discount?

- A) ₹6,400
- B) ₹7,000
- C) ₹7,200
- D) ₹7,600

8. What is the perimeter of a square with a side length of 6 cm?

- A) 12 cm
- B) 18 cm
- C) 24 cm
- D) 30 cm

9. If a group of friends want to share some candy equally, and they have 48 pieces of candy, how many pieces will each friend get if there are 6 friends?

- A) 6 pieces
- B) 8 pieces
- C) 10 pieces
- D) 12 pieces

10. What is the sum of the interior angles of a quadrilateral?

- A) 180°
- B) 270°
- C) 360°
- D) 450°

General Knowledge (10 marks)

1. Which country is home to the ancient city of Petra?

- A) Egypt
- B) Jordan
- C) Israel
- D) Turkey

2. Who is the author of the famous novel "To Kill a Mockingbird"?

- A) F. Scott Fitzgerald
- B) Harper Lee
- C) Jane Austen
- D) J.K. Rowling

3. What is the capital city of Brazil?

- A) Rio de Janeiro
- B) São Paulo
- C) Brasília
- D) Lima

4. Who was the first Prime Minister of India?

- A) Jawaharlal Nehru
- B) Mahatma Gandhi
- C) Subhas Chandra Bose
- D) Indira Gandhi

5. Which river is the longest in South America?

- A) Amazon River
- B) Paraná River
- C) São Francisco River
- D) Magdalena River

6. Who is the founder of the social media platform Facebook?

- A) Mark Zuckerberg
- B) Steve Jobs
- C) Bill Gates
- D) Larry Page

7. What is the name of the famous prehistoric monument located in England?

- A) Stonehenge
- B) Avebury
- C) Salisbury Cathedral
- D) Bath Abbey

8. Who was the famous Indian scientist who discovered the Raman effect?

- A) C.V. Raman
- B) Homi Jehangir Bhabha
- C) Jagadish Chandra Bose
- D) S. Chandrasekhar

9. Which planet is known as the “Morning Star” or “Evening Star”?

A) Mercury

B) Venus

C) Jupiter

D) Saturn

10. What is the capital of France?

A) London

B) Berlin

C) Paris

D) Madrid

