

# MHT CET 2026 May 11 Shift-1

## Question Paper (Memory Based) PDF

Conducted by CET Cell, Maharashtra



### General Instructions

- (i) **Duration:** The total duration of the examination is 3 hours (180 minutes).
- (ii) **Total Marks:** The complete paper carries a maximum of 200 marks.
- (iii) **Structure:** The paper has 3 Sections:
  - **Section A:** 50 Multiple Choice Questions (Physics)
  - **Section B:** 50 Multiple Choice Questions (Chemistry)
  - **Section C:** 100 Multiple Choice Questions (Biology)
- (iv) **Compulsory Questions:** All 200 questions are compulsory.
- (v) Each question has four options. Only **one** option is correct.
- (vi) **Right Answer:** Physics (+1 marks), Chemistry (+1 marks) and Biology(+1 marks).
- (vii) **Incorrect Answer:** (No Negative marking).
- (viii) **Unanswered/Marked for Review:** 0 marks.

1. Which plant hormone is mainly responsible for fruit ripening?

- (A) Auxin
- (B) Cytokinin
- (C) Ethylene
- (D) Gibberellin

---

2. The functional unit of kidney is: \_\_\_\_.

- (A) Neuron
  - (B) Nephron
  - (C) Glomerulus
  - (D) Bowman capsule
- 

3. In Hardy–Weinberg equilibrium, the sum of gene frequencies is: \_\_\_\_.

- (A) 0
  - (B) 1
  - (C) 2
  - (D) 100
- 

4. Which blood group is called universal recipient?

- (A) O
  - (B) A
  - (C) B
  - (D) AB
- 

5. The site of light reaction in photosynthesis is: \_\_\_\_.

- (A) Stroma
  - (B) Cytoplasm
  - (C) Grana
  - (D) Ribosome
- 

6. The IUPAC name of  $\text{CH}_3\text{CH}_2\text{CHO}$  is: \_\_\_\_.

- (A) Propanal
  - (B) Propanone
  - (C) Propanoic acid
  - (D) Ethanal
-

---

7. Which of the following shows maximum hydrogen bonding?

- (A) HF
  - (B) HCl
  - (C) HBr
  - (D) HI
- 

8. pH of a neutral solution at 25°C is: \_\_\_\_.

- (A) 0
  - (B) 5
  - (C) 7
  - (D) 14
- 

9. The hybridization of carbon in ethene is: \_\_\_\_.

- (A) sp
  - (B)  $sp^2$
  - (C)  $sp^3$
  - (D)  $dsp^2$
- 

10. Which metal is extracted by electrolysis?

- (A) Iron
  - (B) Zinc
  - (C) Sodium
  - (D) Copper
- 

11. SI unit of electric field is: \_\_\_\_.

- (A) Coulomb
  - (B) Volt
  - (C) Newton/Coulomb
  - (D) Joule
- 

12. The dimensional formula of force is: \_\_\_\_.

- (A)  $[MLT^1]$
  - (B)  $[ML^2T^2]$
  - (C)  $[MLT^{-2}]$
  - (D)  $[MLT^2]$
- 

13. The escape velocity of Earth is nearly: \_\_\_\_.

- (A) 5.6 km/s
  - (B) 7.9 km/s
  - (C) 11.2 km/s
  - (D) 15 km/s
- 

14. According to Ohm's law: \_\_\_\_.

- (A)  $V \propto I$
  - (B)  $V \propto 1/I$
  - (C)  $R \propto I$
  - (D)  $P \propto V$
- 

15. The energy of photon is given by: \_\_\_\_.

- (A)  $E = mc^2$
  - (B)  $E = h\nu$
  - (C)  $E = F/q$
  - (D)  $E = qV$
-

