

AIIMS Paramedical 2026

Question Paper (Memory-Based)

Conducted by AIIMS Delhi



General Instructions

- (i) Duration of the exam is 90 minutes.
- (ii) This question paper consists of 90 questions.
- (iii) Question Paper is divided into 3 sections- Physics, Chemistry and Mathematics or Biology having 30 questions each.
- (iv) Each question carries 1 mark and there is negative marking of 1/3 for every incorrect answer.

Biology

1. Oxytocin and Vasopressin are secreted by:

- (A) Anterior pituitary
- (B) Posterior pituitary
- (C) Hypothalamus
- (D) Adrenal gland

2. The outer layer of Dicot root is called:

- (A) Epidermis
- (B) Endodermis
- (C) Pericycle
- (D) Cortex

3. The notch of kidney where vessels enter is called:

- (A) Hilum
- (B) Pelvis
- (C) Calyx
- (D) Ureter

4. Who is called the Father of Ecology in India?

- (A) Ramdeo Misra
- (B) S. P. Singh
- (C) Salim Ali
- (D) M. S. Swaminathan

5. Which animal was not Uricotelic?

- (A) Birds
- (B) Land snail
- (C) Reptiles
- (D) Adult Frog

6. Which bacteria converts nitrite to nitrate?

- (A) Nitrosomonas
- (B) Nitrobacter
- (C) Rhizobium
- (D) Azotobacter

7. What is the function of Tapetum?

- (A) Provides nourishment to pollen grains
 - (B) Protects the ovule
 - (C) Helps in fertilization
 - (D) Produces pollen grains
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8. Which of the following is NOT a stop codon?

- (A) UAA
 - (B) UAG
 - (C) UGA
 - (D) AUG
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9. How many bones are found in the forelimb?

- (A) 30
 - (B) 32
 - (C) 34
 - (D) 36
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10. The Environment Protection Act was launched in India in which year?

- (A) 1972
 - (B) 1980
 - (C) 1986
 - (D) 1990
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Chemistry

11. The bond order of Li_2 is _____ and it is _____.

- (A) 1, diamagnetic
 - (B) 2, paramagnetic
 - (C) 1, paramagnetic
 - (D) 2, diamagnetic
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12. The oxidation state of Cr in $\text{K}_2\text{Cr}_2\text{O}_7$ is:

- (A) +4
 - (B) +5
 - (C) +6
 - (D) +7
-

13. The oxidation states of carbon in CH_4 and CCl_4 respectively are:

- (A) -4 and +4
 - (B) +4 and -4
 - (C) -4 and -4
 - (D) +4 and +4
-

14. Which of the following statements is correct about Hg?

- (A) Hg is paramagnetic
- (B) Hg is diamagnetic
- (C) Hg is ferromagnetic
- (D) Hg has unpaired electrons

15. If 32 g of methane reacts completely with oxygen, how much water is produced? ($\text{CH}_4 = 16 \text{ g/mol}$, $\text{H}_2\text{O} = 18 \text{ g/mol}$)

- (A) 36 g
 - (B) 54 g
 - (C) 72 g
 - (D) 18 g
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Physics

16. A spherical ball of radius r falls through a viscous liquid. If the radius is doubled, the terminal velocity becomes:

- (A) Same
 - (B) 2 times
 - (C) 4 times
 - (D) 8 times
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17. The linear mass density of a stretched string is μ and tension is T . The wave velocity is:

- (A) $\sqrt{T/\mu}$
 - (B) $\sqrt{\mu/T}$
 - (C) T/μ
 - (D) μ/T
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18. The dimensional formula of magnetic field B is:

- (A) $[M^1 L^0 T^{-2} A^{-1}]$
 - (B) $[M^1 L^2 T^{-2} A^{-1}]$
 - (C) $[M^1 T^{-2} A^{-1}]$
 - (D) $[M^1 L^0 T^{-1} A^{-1}]$
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19. If the temperature of a black body is doubled, the wavelength of maximum emission:

- (A) Doubles
 - (B) Halves
 - (C) Becomes 4 times
 - (D) Remains same
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20. The correct increasing order of wavelength for UV, Visible light, and Microwaves is:

- (A) UV < Visible < Microwaves
 - (B) Microwaves < Visible < UV
 - (C) Visible < UV < Microwaves
 - (D) UV < Microwaves < Visible
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