

OJEE 2026 BSc Nursing 4 May Shift 2

Question Paper (Memory-Based) PDF

Conducted by Odisha Joint Entrance Examination Committee (OJEEC)



General Instructions

- (i) The examination will be conducted in Computer-Based Test (CBT) mode.
- (ii) Each question carries +4 marks for correct answer and 1 mark for wrong answer.
- (iii) The total number of questions and duration will vary depending on the course.
- (iv) Duration of the exam is 2 hours (120 minutes).

1. The volume of air remaining in lungs after a forceful expiration is called:

- (A) Tidal volume
- (B) Residual volume
- (C) Inspiratory reserve volume
- (D) Vital capacity

2. Oxygen is transported in blood mainly as:

- (A) Oxyhaemoglobin
- (B) Dissolved oxygen
- (C) Carbaminohaemoglobin
- (D) Bicarbonate ions

3. In emphysema, there is:

- (A) Fluid in alveoli
- (B) Infection of lungs
- (C) Destruction of alveolar walls
- (D) Narrowing of bronchi

4. Carbon dioxide is transported in blood mainly as:

- (A) Carbaminohaemoglobin
 - (B) Dissolved CO_2
 - (C) Bicarbonate ions
 - (D) Carbonic acid
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5. The condition of reduced oxygen supply to tissues is called:

- (A) Hypercapnia
 - (B) Hypoxia
 - (C) Asphyxia
 - (D) Cyanosis
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6. Which gas has higher solubility in blood?

- (A) Oxygen
 - (B) Nitrogen
 - (C) Carbon dioxide
 - (D) Hydrogen
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7. The 'lub' sound of the heart is produced due to:

- (A) Closing of semilunar valves
 - (B) Opening of AV valves
 - (C) Closing of AV valves
 - (D) Opening of semilunar valves
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8. The T-wave of an ECG indicates:

- (A) Atrial contraction
 - (B) Ventricular contraction
 - (C) Ventricular repolarization
 - (D) Atrial depolarization
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9. During ventricular systole, which valves are open?

- (A) AV valves

- (B) Semilunar valves
 - (C) Both AV and semilunar valves
 - (D) All valves closed
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10. The stroke volume of a normal human heart is approximately:

- (A) 30 mL
 - (B) 50 mL
 - (C) 70 mL
 - (D) 100 mL
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