

Choose the correct answer from the options given below

- | | (a) | (b) | (c) | (d) |
|-----|------|-------|-------|------|
| (1) | (iv) | (ii) | (iii) | (i) |
| (2) | (iv) | (iii) | (ii) | (i) |
| (3) | (i) | (iii) | (ii) | (iv) |
| (4) | (ii) | (iii) | (iv) | (i) |

Answer (2)

195. **Assertion (A):** A person goes to high altitude and experiences 'altitude sickness' with symptoms like breathing difficulty and heart palpitations.

Reason (R): Due to low atmospheric pressure at high altitude, the body does not get sufficient oxygen.

In the light of the above statements, choose the correct answer from the options given below

- (1) (A) is true but (R) is false
- (2) (A) is false but (R) is true
- (3) Both (A) and (R) are true and (R) is the correct explanation of (A)
- (4) Both (A) and (R) are true but (R) is not the correct explanation of (A)

Answer (3)

196. **Statement I:** The codon 'AUG' codes for methionine and phenylalanine.

Statement II: 'AAA' and 'AAG' both codons code for the amino acid lysine.

In the light of the above statements, choose the **correct** answer from the options given below.

- (1) **Statement I** is correct but **Statement II** is false
- (2) **Statement I** is incorrect but **Statement II** is true
- (3) Both **Statement I** and **Statement II** are true
- (4) Both **Statement I** and **Statement II** are false

Answer (2)

197. During muscular contraction which of the following events occur?

- (a) 'H' zone disappears
- (b) 'A' band widens
- (c) 'I' band reduces in width

(d) Myosine hydrolyzes ATP, releasing the ADP and Pi.

(e) Z-lines attached to actins are pulled inwards.

Choose the **correct** answer from the options given below:

- (1) (b), (c), (d), (e) only
- (2) (b), (d), (e), (a) only
- (3) (a), (c), (d), (e) only
- (4) (a), (b), (c), (d) only

Answer (3)

198. Following are the statements about prostomium of earthworm.

- (a) It serves as a covering for mouth.
- (b) It helps to open cracks in the soil into which it can crawl.
- (c) It is one of the sensory structures.
- (d) It is the first body segment.

Choose the **correct** answer from the options given below.

- (1) (a), (b), (c) and (d) are correct
- (2) (b) and (c) are correct
- (3) (a), (b) and (c) are correct
- (4) (a), (b) and (d) are correct

Answer (3)

199. Which of these is not an important component of initiation of parturition in humans ?

- (1) Release of Oxytocin
- (2) Release of Prolactin
- (3) Increase in estrogen and progesterone ratio
- (4) Synthesis of prostaglandins

Answer (2)

200. The Adenosine deaminase deficiency results into

- (1) Digestive disorder
- (2) Addison's disease
- (3) Dysfunction of Immune system
- (4) Parkinson's disease

Answer (3)

