

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

Answer (3)

193. Which of the following secretes the hormone, relaxin, during the later phase of pregnancy?

- (1) Foetus (2) Uterus
(3) Graafian follicle (4) Corpus luteum

Answer (4)

194. Which one of the following statements about Histones is **wrong**?

- (1) Histones are rich in amino acids - Lysine and Arginine
(2) Histones carry positive charge in the side chain
(3) Histones are organized to form a unit of 8 molecules
(4) The pH of histones is slightly acidic

Answer (4)

195. Following are the statements with reference to 'lipids'.

- (a) Lipids having only single bonds are called unsaturated fatty acids
(b) Lecithin is a phospholipid.
(c) Trihydroxy propane is glycerol.
(d) Palmitic acid has 20 carbon atoms including carboxyl carbon.
(e) Arachidonic acid has 16 carbon atoms.

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

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

Answer (1)

196. Match List-I with List-II

List -I		List -II	
(a)	Scapula	(i)	Cartilaginous joints
(b)	Cranium	(ii)	Flat bone
(c)	Sternum	(iii)	Fibrous joints
(d)	Vertebral column	(iv)	Triangular flat bone

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)

197. The Adenosine deaminase deficiency results into

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

Answer (3)

198. 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)

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. **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)

