

(2)

- (b) Pectoral girdles of reptiles, birds and mammals

Unit-II

2. Give a comparative physiology of digestion among vertebrate groups.

OR

Write short notes on the following :

- (a) Physiology of photoreception and phonoreception
(b) Osmoregulation in fishes, amphibians and reptiles

Unit-III

3. Explain cells of immune system and their differentiation.

OR

Write short notes on the following :

- (a) Innate and acquired immunity
(b) Antigen : Antibodies interactions in-vitro and in-vivo

Unit-IV

4. Describe the general properties and structure of monosaccharides, disaccharides and polysaccharides.

OR

(3)

Write short notes on the following :

- (a) Immobilised enzymes and their applications
 - (b) Biological significance and properties of fats, phospholipids and steroids.
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