

Time: 03 Hours.

Marks: 100

Please check whether you have got the right question paper.

- N.B:** 1. All questions are compulsory and carry equal marks.  
2. Figures to the right indicate full marks.  
3. Draw neat and labelled diagrams wherever necessary.  
4. Answer the questions in proper order.

**Q. 1 Describe Any Two of the following: (20)**

- a) Scales in fishes
- b) Poison and uropygial gland.
- c) Epidermal derivatives Horn and Hoof.

**Q. 2 Explain Any Two of the following: (20)**

- a) Structure, function and chemical composition of bone.
- b) Structure and function of hyoid bone.
- c) Bones of hind limb

**Q. 3 Give an account on Any Two of the following: (20)**

- a) Triceps brachii
- b) Flexors and extensor muscles
- c) Soleus muscle

**Q. 4 Describe Any Two of the following: (20)**

- a) 24 hours chick embryo.
- b) Spemann Mangold experiment
- c) Morphogenesis Movement.

**Q. 5 Write short notes on: (Any Four) (20)**

- a) Wart in toad
- b) Common skeleton of rib
- c) Bicep brachii
- d) Cell adhesion
- e) Cervical vertebra
- f) Fertilization