

Please check whether you have got the right question paper.

N.B: 1. All questions are compulsory.

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 the following: (16)
- a) Digestive system of cockroach (08)
- OR
- a) Structure of nephron (08)
- b) Digestive system of pigeon (08)
- OR
- b) Ammonotelic and ureotelic organism (08)
- Q. 2 Explain the following: (16)
- a) Respiration in Frog (08)
- OR
- a) Open and closed circulation (08)
- b) Respiration in pigeon (08)
- OR
- b) Heart of shark (08)
- Q. 3 Answer the following: (16)
- a) Types of neurons based on structure (08)
- OR
- a) Structure of striated muscle fibres (08)
- b) Locomotion in amoeba along with sol-gel theory (08)
- OR
- b) Types of asexual reproduction (08)
- Q. 4 Write short notes on: (12)
- a) Contractile vacuole of amoeba (04)
- OR
- a) Digestion in stomach of man (04)
- b) Respiration process and their types (04)
- OR
- b) Haemolymph (04)
- c) Tube-feet in sea-star (04)
- OR
- c) Structure of human sperm (04)