

[Time: 2½ Hours]

[Marks:75]

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 labelled diagrams wherever necessary.
 4. Write answers in order.

- Q.1** Describe the following:
- a) Salient features of Urochordata 07
- OR**
- a) Phylogeny of Cephalochordata 07
- b) Metamorphosis in Ascidia 08
- OR**
- b) General characteristics of chaetognatha 08
- Q.2** Explain the following:
- a) General characters of tailed amphibians 07
- OR**
- a) general features of Class: Osteichthyes 07
- b) Skates and Rays 08
- OR**
- b) Salient features of limb-less amphibians 08
- Q.3** Describe the following:
- a) General characters of class: Aves. Add a note on Jungle fowl 07
- OR**
- a) General characters of aquatic mammals with suitable example 07
- b) General characters of class: Reptilia. Add a note on Extinct reptiles 08
- OR**
- b) Salient features of toothless mammals with suitable example 08
- Q.4** Explain the following:
- a) Habit, habitat, distribution and external characters of shark 07
- OR**
- a) Pelvic girdles in shark 07
- b) Urinogenital system in male shark 08
- OR**
- b) VII and IX cranial nerves in shark 08

Q.5

Write short note on:

- a) General characters of Cephalochordata

04

OR

- a) Sagitta

04

- b) Neoteny in Amphibia

04

OR

- b) Lamprey

04

- c) Sphenodon

04

OR

- c) Wading birds

04

- d) Economic importances of shark

03

OR

- d) Classification of shark

03
