

- NOTE: 1) All questions are compulsory.
2) Draw neat labeled diagram wherever necessary
3) Figures to right carries marks

Q.1A) Fill in the blanks(any three)

(3mks)

- 1) Chiton belongs to class amphineura because the shell is -----
(external/internal)
2) In brittle star ambulacral grooves are -----
(absent/present)
3) balanoglossus is also known as ----- worm.
(flat/tongue)
4) in ----- the notochord is present only in the tail region in the larvae.
(hemichordata/urochordata)
5) parotid glands are present in class -----
(amphibia/insecta)
6) kingfisher belongs to subphylum -----
(urochordata/vertebrata)

Q.1B) Answer the following(any two)

(12mks)

- 1) Explain briefly water vascular system in starfish
2) describe briefly salient features of phylum mollusca in short
3) Explain briefly salient features of phylum hemichordates
4) What are the general characters of subphylum vertebrata

(8mks)

Q.2 A) Answer any one

- 1) Describe how secretion of thyroxine is regulated
2) Describe excretory system of man

(7 mks)

Q.2. B) Answer the following.(any one)

- 1) Describe different types of excretion
2) Describe oogenesis

(8mks)

Q.3A) Answer any one

- 1) comment on operant behavior
2) Describe classical conditioning

C P.T.O)