

Note:

- 1) All the questions are compulsory
- 2) Figure at right indicates marks
- 3) Draw neat diagrams wherever necessary

Q1) Answer the following (Any 2)

- 1) Describe salient features of mammalia
- 2) Give general characters of hemichordata
- 3) Describe salient features of mollusca
- 4) Describe general characters of sub phylum vertebrata.

Q2) Answer the following (Any 2)

- 1) Describe negative feedback mechanism with help of example
- 2) What is irritability? Explain irritability in paramecium
- 3) Describe process of oogenesis
- 4) Describe excretory system of man

Q3) Answer the following (Any 2)

- 1) Describe classical conditioning
- 2) Explain operant behaviour
- 3) Explain mimicry and its types with examples
- 4) Explain how animals learn to avoid enemies

Q4) Write note on (Any 3)

- 1) Reinforcement
- 2) Extinction
- 3) Structure of neuron
- 4) Class-polyplacophora
- 5) Ammonotelic animals
- 6) Class-asterodea