

2022-26

Full Marks : 60

Time : 3 Hours

Candidates are required to give their answer in their own words as far as practicable. Their figures in the margin indicate full marks.

Group-A is compulsory. Answer any **three** questions from **Group - B**.

Group - A

1. Choose the **correct** option of the following :

1×5=5

- (i) The basic unit in the eye of cockroach is :
- (a) Retina
 - (b) Ommatidium
 - (c) Cornea
 - (d) Rhabdome

- (ii) Octopus belongs to the class :
- (a) Mollusca
 - (b) Pelecypoda
 - (c) Cephalopoda
 - (d) None of the above
- (iii) Tube feet are present in :
- (a) Starfish
 - (b) Jellyfish
 - (c) Crayfish
 - (d) Silverfish
- (iv) Pneumatic bones are found in :
- (a) Fish
 - (b) Frog
 - (c) Pigeon
 - (d) Wall lizard
- (v) Which of the following is exclusively marine ?
- (a) Protazoa
 - (b) Coelenterata
 - (c) Mollusca
 - (d) Echinoderms

2. Write short note on any **one** : 5
(a) Coral reefs
(b) General characters of Arthropoda or Echinodermata
3. Write on any **one** of the following in brief : 5
(a) General characters of Mammalia or Cyclostomes
(b) Dentition in mammals

Group - B

Answer any **three** questions from the following : $15 \times 3 = 45$

4. Describe locomotion in Protista.
5. With the help of labelled diagrams explain canal system in Porifera.
6. Give an account of flight adaptations in birds.
7. Describe parental care in Amphibians.
8. With the help of suitable diagram describe the biting mechanism in snakes.

