

- Note :
- 1) All questions are compulsory.
  - 2) Figures to right indicate full marks.
  - 3) Draw diagram wherever necessary.

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

20

- 1) Write short note on Reproduction in Protozoa.
- 2) Describe canal system of porifera.
- 3) Describe polymorphism in class hydrozoa.
- 4) Describe in brief Metamorphosis in Insects.

**Q. 2 Answer the following. (any two)**

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- 1) Describe different types of eggs with neat and labelled diagram.
- 2) Enlist different types of cleavage.
- 3) Describe the process of epiboly.
- 4) Explain the fate of germinal layer.

**Q. 3 Answer the following. (any two)**

20

- 1) Explain the term Ecology and write note on types of ecosystem.
- 2) Write note on Major Natural ecosystem.
- 3) Describe in brief - Abiotic factor.
- 4) Enlist factors influencing population dynamics.

**Q. 4 Answer the following. (any three)**

15

- 1) Short note on silk moth.
- 2) Parental care in Amphibion
- 3) Explain blastula.
- 4) Describe Gastrula with Diagram
- 5) Marine Ecosystem
- 6) Natural Ecosystem

— The End —