



Date: 09-04-2019
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part-A

Answer ALL the questions

(10 x 2=20)

1. What is Planula?
2. Write a note on Medusa.
3. Comment on Aestivation.
4. How do you determine the sex of the frog?
5. Write a note on Pleopods or Swimmerets.
6. What is gravid proglottis?
7. Comment on Pterylosis.
8. What are the main characteristics of animal kingdom?
9. Mention the role of placenta in mammals.
10. Give the significance of Hox Genes in animals.

Part-B

Answer any FOUR questions

(4 X 10 =40)

11. Explain in detail the diversity of living things with suitable example.
12. Elaborate the functions of the sense organs of *Calotes versicolor*.
13. Give the life cycle of *Asterias rubens*.
14. Elaborate on the internal anatomy of frog.
15. Explain the structural organization of placentation in mammals.
16. Describe the development of *Obelagenticulata*.

Part-C

Answer any TWO questions

(2 X 20 =40)

17. Form an essay on external anatomy and functions of various organs of the frog.
18. Explain in detail on the morphology of *Taenia solium* with its life cycle.
19. Elaborate the structural organization of *Pilaglobosa*.
20. Write an essay on the structural organization of *Penaeus indicus*.

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