



Date: 02-11-2018
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

Part-A

Answer ALL the questions

(10 x 2=20)

1. Comment on taxonomy.
2. Write a note on prototista.
3. Comment on hibernation with an example.
4. How do you determine the sex of the frog?
5. Write a note on the importance of snail slime.
6. What is ecdysis?
7. Comment on vocal sacs.
8. What are the main characteristics of animal kingdom?
9. Mention the role of placenta in mammals.
10. Give the significance of chorion during early stages of development.

Part-B

Answer any FOUR questions

(4 X 10 =40)

11. Explain in detail the various kinds of adaptations in animals with suitable example.
12. Elaborate the roles of the sense organs of garden lizard.
13. Explain the life cycle and development of star fish.
14. Explain the life cycle and development of frog.
15. Elaborate the external anatomy of *Hirudomedicinalis* with suitable diagrams.
16. Describe the structural organization of Indian white prawn.

Part-C

Answer any TWO questions

(2 X 20 =40)

17. Form an essay on diversity of living things and its importance.
18. Explain in detail the morphology of *Taeniasoliumandits* life cycle.
19. Elaborate the structural organization of Pigeon.
20. Write an essay on the structural organization of *Calotesversicolor*.
