



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc.DEGREE EXAMINATION –ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SIXTH SEMESTER – APRIL 2019

16UZO6MC06– REPRODUCTIVE BIOLOGY AND ENDOCRINOLOGY

Date: 13-04-2019
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

PART-A (10x2=20Marks)

Answer All Questions

1. Write about Puberty
2. Short note on Asexual Reproduction
3. Define Hormone
4. What is Neurohypophysis
5. What is Master gland
6. Write any two functions of Thyroxine
7. Comment on Adrenaline
8. Brief note on metamorphosis.
9. Explain Prolactin
10. Explain oestrus

PART-B (4x10=40Marks)

Answer any FOUR Questions

11. Give an account on male reproductive system
12. Describe the endocrine system in crustaceans and its function
13. Draw and explain the structure and organisation of Thyroid
14. Explain in detail on the hormonal action of Insulin
15. What is Placenta? Add a note on its various function.
16. Explain the role of Prolactin and its importance

PART-C (2x20=40Marks)

Answer any TWO Questions

17. Give an account on the endocrine action in Crustaceans and Insects with a neat diagram
18. Pituitary is the master gland of Orchestra-Justify
19. Write in detail on the various abnormalities of Adrenocortical secretion
20. Illustrate the hormone action on metamorphosis in Amphibians

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