



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

SIXTH SEMESTER – APRIL 2022

UAZ 6504 – REPRODUCTIVE BIOLOGY AND ENDOCRINOLOGY

Date: 20-06-2022

Dept. No.

Max. : 100 Marks

Time: 01:00 PM - 04:00 PM

PART – A

(10x2=20 Marks)

Answer All Questions

1. Primordial germ cell
2. Menopause
3. Target gland
4. Capacitation
5. What is Neurohypophysis
6. Master gland
7. Classify the hormones based on chemistry
8. Tri-iodothyronine
9. PTH
10. Cushing's disease

PART – B

(4x10=40Marks)

Answer any FOUR Questions

11. Give an account of the female reproductive system.
12. Explain the hormonal control on implantation.
13. Explain in detail the feedback mechanism of hormones.
14. Draw and explain the structure of the pancreas.
15. Explain the role of mineralocorticoids.
16. Mechanism and action of gonadotropins.

PART – C

(2x20=40Marks)

Answer any TWO Questions

17. Explain the role of hormones and their regulation in the menstrual cycle.
18. Draw and describe the structure of pituitary.
19. Write in detail about the disorders of the adrenal gland.
20. Describe the structure of thyroid gland and the role of thyroid hormones.

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