

**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**



**B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY**

**SIXTH SEMESTER – APRIL 2023**

**UAZ 6504 – REPRODUCTIVE BIOLOGY AND ENDOCRINOLOGY**

Date: 05-05-2023

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

**PART-A**

**Answer ALL question: [Comment or Define]**

**(10 x 2=20 marks)**

1. Spermatogenesis
2. Capacitation
3. Fertilization
4. Lactation
5. Hormones
6. Goitre
7. Insulin
8. Neurohypophysis
9. T3
10. Master gland

**PART-B**

**Answer any FOUR of the following questions**

**(4 x 10=40marks)**

11. Write notes about the hormonal control on implantation.
12. Briefly explain about the endocrine glands of the body
13. Write notes about the classification of hormones
14. Explain about the mechanism of fertilization.
15. Write notes about the pancreatic hormones and their functions
16. Explain about the Female reproductive system.

**PART-C**

**Answer any TWO of the following questions:**

**(2 x 20=40marks)**

17. Explain about the structure and functions of pituitary.
18. Write details about the lactation and its regulation.
19. Explain about the thyroid gland and the role of thyroid hormones.
20. Discuss the mechanism of parturition and its hormonal regulation.

\*\*\*\*\*