

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

THIRD SEMESTER – NOVEMBER 2017

16UZO3MC01 – ANIMAL PHYSIOLOGY AND BIOCHEMISTRY

Date: 04-11-2017

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

PART-A

(10 ×2=20)

Answer ALL questions:

1. What is Scruby?
2. Comment on Cardiac rhythm.
3. What is Adrenaline?
4. Comment on ATP.
5. What is Vmax?
6. Comment on Peptide bond.
7. What is Myogenic Hearts?
8. State the functions of TSH.
9. What is Glycogenolysis?
10. What is Neuron?

PART-B

(4×10=40)

Answer any FOUR of the following questions:

11. Write short notes on Fat Soluble Vitamins.
12. Explain the formation of Urine in Mammals.
13. Give an account on Respiratory pigments.
14. Write an account on Thyroid gland.
15. Write short notes on properties of enzymes.
16. Give an account on Osmoregulation.

PART-C

(2 ×20=40)

Answer any TWO of the following questions:

17. Explain the Gastrointestinal enzymes involved in Digestion.
18. Write an account on the Composition and Functions of Blood.
19. Explain in detail about the Transmission of Nerve impulses.
20. Describe the process of Kreb's cycle.
