

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Sc. DEGREE EXAMINATION – ZOOLOGY
THIRD SEMESTER – NOVEMBER 2019
18PZO3MC03 – ANIMAL PHYSIOLOGY

Date: 02-11-2019
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

PART - A

Answer ALL the questions.

(10X2 = 20)

1. Write note on dietary minerals.
2. What is the role of folic acid?
3. What are the different types of respiration?
4. Comment on reniculate kidney.
5. Comment on polarization.
6. What is the significance of hypothalamus.
7. What is jet lag?
8. What is reflex arc?
9. What is Leydig cells?
10. Comment on acrosome.

PART – B

Answer any FOUR of the following

(4 x 10 = 40)

11. Give an account of the path of urea in kidney of man.
12. Describe in detail digestion and adsorption of proteins.
13. Write an account on respiration in invertebrates.
14. Briefly explain the functions of muscle contraction and its theories.
15. Explain the physiology of psychosomatic disorders.
16. Describe the adaptation of fish to osmoionic gradient.

PART – C

Answer any TWO of the following

(2 x 20 = 40)

17. Write an essay on causes of male infertility.
18. Write a note on physiology of excretion in man.
19. Describe in detail the process of nerve impulse transmission?
20. Write an essay on temperature regulation in animals.
