

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



**M.Sc. DEGREE EXAMINATION – ZOOLOGY**

**THIRD SEMESTER – NOVEMBER 2017**

**16PZO3MC03 – ANIMAL PHYSIOLOGY**

Date: 06-11-2017

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

**PART-A**

10×2=20

Answer all the questions:

1. What are chylomicrons?
2. Comment on 'ventilation lungs'.
3. Write a note on (i) Actin (ii) Myosin.
4. Differentiate osmoconformers from osmoregulators.
5. What are flame cells?
6. Write a note on accessory reproductive glands of males?
7. What is Biolumiscence?
8. Comment on the importance of 'Corpus Leuteum'
9. What are contraceptives?
10. Comment on testosterone?

**PART-B**

4×10=40

Answer any four:

11. Describe about the major parts of digestive system & their role.
12. What is the physiology behind 'male infertility'? Explain.
13. Describe the structure of Heart & its functions in Human.
14. Explain the importance of Nutrition?
15. What is behavioral physiology? Explain
16. Explain the process of Fat digestion and its absorption.

**PART-C**

2×20=40

Answer any two:

17. Describe and discuss about the female reproductive physiology.
18. Form an essay on Neuromuscular Co-ordination and reflex action.
19. Describe & discuss about the hormonal control of reproduction in humans.
20. Write an essay on the future of Animal physiology.

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