

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086  
(For Candidates admitted during the academic year 2015– 2016 & thereafter)

SUBJECT CODE: 15ZL/MC/EZ14

**B.Sc. DEGREE EXAMINATION - NOVEMBER 2018**  
**BRANCH VIA. ADVANCED ZOOLOGY AND BIOTECHNOLOGY**  
**FIRST SEMESTER**

**COURSE : MAJOR CORE**  
**PAPER : ECONOMIC ZOOLOGY**  
**TIME : 3 HOURS**

**MAX. MARKS: 100**

**SECTION A**

**ANSWER ALL QUESTIONS:**

**(10 X 3 =30)**

1. What is swarming?
2. Functions of Hygrometer.
3. Action of Fumigants.
4. What are Natural Insecticides?
5. Vermiwash.
6. Importance of snail in soil ecosystem.
7. Define Hypophysation.
8. Write a short note on culling of chicks.
9. Zoonosis.
10. Rooster.

**SECTION B**

**ANSWER ANY FIVE QUESTIONS:**

**(5 x 6 = 30)**

11. Write a note on diseases caused in honey bees and also list out the enemies of bees.
12. Comment on the different types of silkworm.
13. Describe any three major pests of paddy.
14. List out the control measures for termite damage to crops & buildings.
15. Enumerate the steps involved in setting up of a vermipit.
16. Give a brief account on integrated fish farming.
17. Poultry industry is very often threatened by a number of viral, bacterial, protozoan & vitamin & mineral deficiency diseases. Justify.

**SECTION C**

**ANSWER ANY TWO QUESTIONS:**

**(2 x 20 = 40)**

18. Discuss in detail the economic importance of mammals.
19. Write an essay on Integrated Pest Management.
20. Elucidate the process of extracting & sampling methods of soil arthropods in detail.
21. Describe the process of freshwater prawn culture in detail.

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