

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted from the academic year 2011– 2012 & thereafter)

SUBJECT CODE: 11ZL/ME/AZ23

B. Sc. DEGREE EXAMINATION, APRIL 2015
BRANCH VI.A. – ADVANCED ZOOLOGY AND BIOTECHNOLOGY
SECOND SEMESTER

COURSE : MAJOR –ELECTIVE
PAPER : APPLIED ZOOLOGY
TIME : 3 HOURS

MAX. MARKS: 100

SECTION A

ANSWER ALL QUESTIONS

(10 X 3=30)

1. Write the use of the following.
a) Bees wax b) Lac c) Silk
2. Mention the control measures for the following pest.
a) Rice stem borer b) sugarcane top borer c) Cotton leaf hopper
3. Give the meaning of the following terms.
a) Vermiculture b) Vermicompost c) Vermiwash
4. Explain the following.
a) Chilling b) Freezing c) Salting
5. Give the meaning for the following terms.
a) Dairy farming b) Piggery farming c) poultry
6. List out the enemies of honey bees.
7. Write any three pests of pulses.
8. What is termatopheles?
9. Comment on hypophysation.
10. Illustrate the economic importance of the snake venom.

SECTION -B

ANSWER ANY FIVE QUESTIONS:

(5 X 6=30)

11. Describe the life cycle of *Bombyx mori*.
12. Write notes on any three pests of vegetables.
13. Highlights the effects of pesticides on soil.
14. Give a brief account on integrated fish farming.
15. Write notes on different breeds of fowls.
16. Comment on the equipments connected with bee keeping.
17. Explain integrated pest management with an example.

SECTION – C

ANSWER ANY TWO QUESTIONS:

(2X20 = 40)

18. Describe the structure and life history of lac insect.
19. Write an essay on salient features and nature of destruction caused by any three pests of paddy.
20. Give an account on bacterial and viral diseases of fish.
21. Discuss the economic importance of mammals.
