

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted from the academic year 2005 – 2006 & thereafter)

SUBJECT CODE: ZL/MC/AZ44

B. Sc. DEGREE EXAMINATION APRIL 2009
BRANCH VI.A. – ADVANCED ZOOLOGY AND BIOTECHNOLOGY
FOURTH SEMESTER

COURSE : MAJOR – CORE
PAPER : APPLIED ZOOLOGY

TIME : 3 HOURS

MAX. MARKS: 100

SECTION – A

ANSWER ALL QUESTIONS:

(10 X 3 = 30)

1. Mention the technical name of the following:
a) Lac Insect b) Tape worm c) Blood fluke
2. Expand the following:
a) IPM b) EC c) DDT
3. Give the scientific name of an insect pest infesting the following crops:
a) Sugarcane b) Pulses c) Paddy
4. Present the economic importance of the following:
a) Mugil b) Tubifex c) Snake venom
5. Explain /Define the following:
a) Polyculture b) Amoebic dysentery c) Piggery
6. Give the technical and common names of any three of the major carps.
7. Enlist the uses of honey.
8. What is microfilaria?
9. Mention the causative organism of the following:
a) Malaria b) Measly pork c) Pebrine Disease
10. Mention any three uses of scorpion venom.

SECTION – B

ANSWER ANY FIVE QUESTIONS:

(5 X 6 = 30)

11. Give an account of the pathogenicity, prevention and control of *Ancylostoma duodenale*.
12. Present a detailed information regarding the tools used in Sericulture.

13. Write a short note on live feed organisms.
14. Outline the damages induced by the external feeders of stored products.
15. Comment on the recent trends in Aquaculture.
16. Give an account of leather and wool industries.
17. Discuss the various fish parasites and their control.

SECTION – C

ANSWER ANY TWO QUESTIONS:

(2 X 20 = 40)

18. Explain the biology and control of filarial worm.
19. Discuss the social organization and the equipment used in bee keeping.
20. Outline the methodology adopted in the preservation and processing of fish and prawns.
21. Write an essay on the economic importance of poultry.
