

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI - 600 086
(For candidates admitted from the academic year 2019 – 2020 & thereafter)

B. Sc. DEGREE EXAMINATION, APRIL 2024
BRANCH VI.A. – ADVANCED ZOOLOGY AND BIOTECHNOLOGY
FOURTH SEMESTER

COURSE : MAJOR – ELECTIVE
PAPER : APPLIED ZOOLOGY
SUBJECT CODE : 19ZL/ME/AZ45
TIME : 3 HOURS **MAX. MARKS: 100**

SECTION A

ANSWER ALL THE QUESTIONS. **(10x3 =30)**

1. What is Pokkali culture?
2. Give any three examples of live feed.
3. What is the role of the Central Silk Board?
4. List out the damage caused by pests of cotton.
5. Mention the medicinal significance of sponges.
6. Enumerate any three direct value of mammals.
7. State the challenges in Dairy farming.
8. What is meant by Curative toxin?
9. Define raft culture with an example.
10. Give any three examples of biocontrol in pest management.

SECTION B

ANSWER ANY FIVE QUESTIONS **(5x6=30)**

11. Outline the various methods of fish preservation.
12. Write a short note on pests of paddy.
13. List out the economically important soil animals and add a note on their role in soil ecosystem.
14. Elaborate on the construction of an Aquarium.
15. Highlight the economic importance of poultry farming.
16. How are microarthropods extracted using Berlese funnel?
17. Discuss the importance of Entrepreneurial skills.

SECTION C

ANSWER ANY TWO QUESTIONS **(2x20 =40)**

18. Compare and contrast between Extensive, Semi-intensive and Intensive aquaculture practices.
19. Discuss in detail about Integrated Pest Management.
20. Describe the damage caused by termites to crops and buildings and add a note on its control measures.
21. a. Appraise the role of women in Small Scale Industries (5 marks)
b. Highlight the work done by CIBA, ZSI, ICAR, FAO and MSSRF (15 marks)
