

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086**  
**(For candidates admitted from the academic year 2008-09 & thereafter)**

**SUBJECT CODE: ZL/GE/EZ24**

**B. Sc. DEGREE EXAMINATION APRIL 2009**  
**SECOND SEMESTER**

**COURSE : GENERAL ELECTIVE**  
**PAPER : ESSENTIALS OF ZOOLOGY**

**TIME : 2 HOURS** **MAX. MARKS: 50**  
**SECTION – A**

**ANSWER ALL QUESTIONS: (10 X 3 = 30)**

1. **EXPAND:**  
a) IVF                      b) ET
2. **Name the causative agent:**  
a) Malaria                      b) Ascariasis
3. **Give the Function of:**  
a) Chopping knife                      b) Queen excluder
4. Write three characteristic features of Mammals.
5. Differentiate between Eucoelomata and Pseudocoelomata with examples.
6. Define:  
a) Antigen                      b) Antibody                      c) Toxin
7. Illustrate structure of Antibody.
8. Give three examples of chemical communication.
9. Mention the economic importance of Silk.
10. What is Rh factor?

**SECTION – B**

**ANSWER ANY FOUR QUESTIONS:**

**(4 X 5= 20)**

11. Write notes on Visual communication in animals.
12. Explain briefly Gastrulation in Rabbit.
13. Give an account of Test – tube babies.
14. Comment on Amoebiasis.
15. Mention the degree of association in different types of Placenta.
16. Describe the tools used in Apiculture.

**SECTION – C**

**ANSWER ANY TWO QUESTIONS:**

**(2 X 20 = 40)**

17. Describe Vaccines in detail and add a note on immunization schedule.
18. Give a detailed account of Pisciculture.

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