

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086**  
**(For candidates admitted during the academic year 2019 – 2020 and thereafter)**

**B.A. / B.Sc. DEGREE EXAMINATION, NOVEMBER 2023**  
**FIFTH SEMESTER**

**COURSE : INTERDISCIPLINARY CORE**  
**PAPER : SOCIOETHNOZOOLOGY**  
**SUBJECT CODE : 19ID/IC/SZ55**  
**TIME : 3 HOURS**

**MAX.MARKS:100**

**SOCIOLOGY**  
**SECTION – A**

**ANSWER ALL THE QUESTIONS :**

**(12 X 1 = 12)**

**Match the following with the right term:**

- |                      |                         |
|----------------------|-------------------------|
| 1. We feeling        | Behaviour               |
| 2. Complex           | Community               |
| 3. Micro Approach    | Society                 |
| 4. Innate and Learnt | Socialization           |
| 5. Social Learning   | Symbolic Interactionism |

**Give an example for the following:**

6. Gender difference in preference for domestic animal.
7. Social drive in a group.
8. Function of Kinship in networking
9. Essential requirement for having a primary group.
10. Role set of an individual of your age.
11. Regulation by Communication.
12. Adjustment done with fellow group members.

**SECTION B**

**ANSWER ANY SIX QUESTIONS (100 words each).**

**(6 X 3 = 18)**

13. Define Sociobiology and mention its significance.
14. Name the Founder of Sociology and how he has established a hierarchy of sciences.
15. Discuss the qualities of a Social Group.
16. Narrate the various aspects that depict the bonding between the early humans and animals.
17. How does belief and little traditions reinforce nature conservation in today's context?
18. With examples explain the associative social process in group living.
19. Substantiate hierarchy in a Patriarchal set up.
20. Mention the characteristics of society and how it has evolved.
21. Give reasons why communication is essential between individuals and groups.
22. In what manner is body language considered to be communicating?

**SECTION C****ANSWER ANY TWO QUESTIONS (500 words each)****(2x10=20)**

23. With reference to various ancient sources and evidence discuss the interrelationship of human and animals in detail.
24. Discuss the Functional and Conflict perspectives in support and against aspects that lead to human and animals peaceful co-existence.
25. 'Human are social animals' justify the statement with relevant arguments.
26. Relate the social process of Cooperation, Coordination and Division of Labour with relevant examples and discuss their merits.

**ZOOLOGY  
SECTION A****ANSWER ALL THE QUESTIONS****(12x1=12)**

1. State whether true or false:
  - a) The Attention Restoration Hypothesis was proposed by E. O. Wilson.
  - b) The round and waggle dances are used by bees to communicate information regarding food sources.
2. Mention two disadvantages of living with animals.
3. Give an example of a colonial coelenterate.
4. What is meant by pecking order?
5. What is the human-animal bond?
6. Give one example each of the two types of polyethism.
7. What is Ethnoornithology?
8. Male frogs usually sing in chorus. Why?
9. Mention any two examples of animals that form aggregations.
10. What is kin selection?
11. List any two attributes observed in a school of fish.
12. Give any two examples of edible arthropods.

**SECTION B****ANSWER ANY SIX QUESTIONS (100 words each)****(6 X 3 = 18)**

13. Define Social Evolution. What are its prime movers?
14. Draw a sociozoologic scale with five animals of your choice and comment on their respective positions on the scale.
15. Highlight any three methods that can be employed to mitigate human-elephant conflict.
16. Discuss the use of animal venom in medicine.
17. Trace the beginnings of human-pet relationships.
18. Why should we consider eating insects?
19. Why are termite colonies different from those of other eusocial insects?

- 20 Write a short note on parental care in reptiles.
- 21 Distinguish between discrete and graded signals.
- 22 Warm blooded vertebrates have a better social life when compared to cold-blooded vertebrates. Justify.

**SECTION C**

**ANSWER ANY TWO QUESTIONS (500 words each)**

**(2X10=20)**

- 23 Discuss the various aspects of Ethnobiology.
- 24 Animals are excellent zoindicators of weather and climate. Justify.
- 25 Explain the social structure observed in social bees.
- 26 Enumerate the different modes of communication in animals with suitable examples.

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