 LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

**M.Sc.** DEGREE EXAMINATION - **ZOOLOGY**

FOURTH SEMESTER – APRIL 2012

# ZO 4808 - BEHAVIOURAL BIOLOGY

Date : 18-04-2012 Dept. No. Max. : 100 Marks

Time : 1:00 - 4:00

**Part A (Answer ALL) 10 x 2 = 20 Marks**

1. Define ‘Cognition’.
2. Comment on ‘Mental images”.
3. Define “Ritualization”.
4. Define “Society”.
5. Write a note on ‘Motivation”
6. Mention the advantages of grouping.
7. What is called habituation?
8. Define “Innate behaviour”.
9. Mention any two phobias of human.
10. What is called adaptation?

**Part B (Answer ANY FOUR) 4 x 10 = 40 Marks**

1. Write an account on displacement behaviour.
2. Correlate languages and mental representation.
3. Write an account on “Environmental influences upon behaviour”.
4. Explain how conflicts facilitate decision making.
5. Enumerate points on evolution and behaviour.
6. Explain how nervous system controls behaviour.

**Part C (Answer ANY TWO) 2 x 20 = 40 Marks**

1. Discuss social organisation in animals
2. Give an account on “Sensory process and perception”.
3. Explain the biological aspects of learning.
4. Form an essay on intelligence, tool use and culture.

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