

Roll No _____

[Total No. of Pages : 2

NS4S-4156-B-24
B.Sc. IV Semester (NEP) Degree Examination
ZOOLOGY
Animal Behaviour
Paper : OE : 4

Time : 2 Hours

Maximum Marks : 60

Instructions to Candidates:

- 1) All Sections are Compulsory.
- 2) Draw diagram wherever necessary

SECTION-A

I Answer any Five of the following

(5×2=10)

- ✓1. What are the two causes of behaviour?
- ✓2. Define Orientation with example.
- ✓3. What is reciprocal altruism?
4. What is Nuptial flight in honey bee
5. What is the difference between circadian and circannual biorhythms.
- ✓6. Define Sexual dimorphism in bud.
- ✓7. What are the functions of Chronobiology?

SECTION-B

II Answer any Five of the following.

(5×4=20)

- ✓8. Explain operant conditioning with example.
9. What is intrasexual selection and why is it important?
- ✓10. Role of Pheromones in Insect communication
11. Write a note on Sibling-Sibling conflict.
- ✓12. Explain territoriality in monkeys
- ✓13. What is bioluminescence? Give example of deep sea fisher.
- ✓14. Describe Ivan Pavlov's experiment with dogs.

SECTION-C

III. Answer any Three of the following

(3×10=30)

- ~~15.~~ Explain Social organization in termites
16. Explain sexual dimorphism and mate choice in Peacock.
- ~~17.~~ Explain parental care in fishes.
- ~~18.~~ Explain Biological rhythm.

<https://www.karnatakastudy.com>

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से