

V.P. & R.P.T.P. SCIENCE COLLEGE

IV- SEMESTER INTERNAL TEST

CORE ZOOLOGY, US04CZOO01

14/03/2014

Time: 1 to 2:30pm

Friday

Marks: 30

Q-1 ANSWER THE FOLLOWING SHORT QUESTIONS (ANY THREE).

(6)

1. Describe the suckers of Leech.
2. Make a list of types of mouth parts with suitable examples.
3. Draw and label the diagram of external characters of Calotes.
4. Name the types of Echinoderms' larva.
5. Give the difference between hormones and pheromones.
6. Explain the reflexes of innate behavior.



Q-2 Describe the male & female reproductive organs of Leech with labeled diagram.

(8)

OR

Q-2 (a) Write a note on biological control of Insects.

(4)

(b) Describe the structure of testicular nephridia of Leech.

(4)

Q-3 Write notes on:

(a) Structure of Calotes heart.

(4)

(b) Types of locomotion in Snakes.

(4)

OR

Q-3 Write notes on:

(a) Digestive system of Calotes.

(4)

(b) Distinguish between Poisonous and Non-poisonous Snakes.

(4)

Q-4 Describe the types of learnt behavior in detail.

(8)

OR

Q-4 (a) Write a note on Social organization of Honey bee.

(5)

(b) Define the term pheromones and add a note on types of pheromones.

(3)