

# [Additional Exam]

Sem IV S.Y.Bsc .zoology Paper-I Course Code:

Note:

05/05/2015

Total marks: 75

- 1) All the questions are compulsory
- 2) Figure at right indicates marks
- 3) Draw neat diagrams whenever necessary

**Q1) Answer the following (Any 2)**

- 1) Describe parental care in pices
- 2) Write note on venomous and non-venomous snakes
- 3) Describe different types of migrations in birds
- 4) Write note on aquatic mammals

**Q2) Answer the following (Any 2)**

- 1) Describe krebs cycle
- 2) Describe the structure and function of Golgi apparatus
- 3) In detail explain endocytosis
- 4) Explain euchromatin and heterochromatin
- 5) Give the structure and function of nucleus

**Q3) Answer the following (Any 2)**

- 1) Explain the concept of imprinting
- 2) Give an account of chemical signals
- 3) What do you mean by fixed action pattern
- 4) Explain animal extinct.

**Q4) write short notes (Any 3)**

- 1) Deceitful signal
- 2) Waggle dance
- 3) Key for identification of venomous and non-venomous snakes
- 4) Parental care in amphibian
- 5) Phagocytosis
- 6) Active transport