



K21P 0564

Reg. No. :

Name :

**First Semester M.Sc. Degree (CBSS – Reg./Suppl. (Including Mercy
Chance)/Imp.) Examination, October 2020
(2014 Admission Onwards)**

ZOOLOGY

ZOO1C03 : Systematic Zoology and Behavioural Science

Time : 3 Hours

Max. Marks : 60

PART – A

(Systematic Zoology)

I. Answer **any one** of the following :

1) Give a detailed account on the procedure employed in Zoological Nomenclature

2) Explain various kinds of taxonomic characters. (1×12=12)

II. Answer **any one** of the following :

3) Briefly explain the various types of taxonomic procedure.

4) Describe different types of species concept. (1×8=8)

III. Answer **any two** of the following :

5) Importance of taxonomy.

6) Brief account on historical resumes and levels of taxonomy.

7) Give a brief account on Zoological classification and its types. (2×5=10)

PART – B

(Behavioural Science)

IV. Answer **any one** of the following :

8) Give a brief account on the genetics of behavior.

9) Give a detailed account on biological communication. (1×12=12)

V. Answer **any one** of the following :

10) Comment on the various strategies employed by birds in navigation.

11) Give a detailed account on reproductive behavior. (1×8=8)

VI. Answer **any two** of the following :

12) Altruism and reciprocal altruism.

13) Instinctive behavior.

14) Displacement Activities. (2×5=10)