



Reg. No. :

Name :

Fourth Semester B.Sc. Degree Examination, July 2018
First Degree Programme under CBCSS
Complementary Course
(For Biochemistry, Botany and Home Science)
ZO 1431.1 : APPLIED ZOOLOGY
(For 2013 Admission and 2014 Admission)

Time : 3 Hours

Max. Marks : 80

I. Answer **all** questions with **two** diagnostic features (**one mark each**).

- 1) Cleidoic egg
- 2) Pedigree analysis
- 3) Dairy animals
- 4) Bee pasturage
- 5) Apitherapy
- 6) Moriculture
- 7) Chandrika
- 8) Pen culture
- 9) SCNT
- 10) Mackerel.

(10×1=10 Marks)

II. Answer **any eight** of the following (**two marks each**).

- 11) Types of bee hives
- 12) Organisers
- 13) Different species of Honey bees
- 14) Karyotype and karyogram
- 15) Stem cells
- 16) HGP

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- 17) Aquarium plants
- 18) Swarming and its control
- 19) Amniocentesis
- 20) Breeds of cattle
- 21) Blastocyst
- 22) Breeds of poultry.

(8×2=16 Marks)

III. Answer **any six** of the following (**four marks each**).

- 23) Test tube baby programme
- 24) Fishing crafts
- 25) Pearl culture
- 26) Bee keeping equipments
- 27) Diseases of poultry
- 28) Human Gene therapy
- 29) Morphogenetic movements
- 30) Describe types of eggs
- 31) Multifactorial disorders.

(6×4=24 Marks)

IV. Answer **any two** of the following (**15 marks each**).

- 32) Types of cleavage with examples for each.
- 33) Write on the setting up of an aquarium.
- 34) Apiary management and maintenance.
- 35) Chromosomal syndromes and single gene disorders.

(2×15=30 Marks)
