

(Pages : 3)

L – 2512

Reg. No. : .....

Name : .....

**Fourth Semester B.Sc. Degree Examination, May 2021.**

**First Degree Programme under CBCSS**

**Zoology**

**Complementary Course for Botany, Home Science and Biochemistry**

**ZO 1431.1: APPLIED ZOOLOGY**

**(2015 to 2018 Admission)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

I. Answer the following, questions (in one or two sentences. 1 mark each)

1. Catla
2. Name two culturable fish of Kerala.
3. Bee Wax
4. Name two indigenous breeds of fowls.
5. Name two diseases of dairy animals
6. Pedigree analysis
7. Stem cells
8. Cloning
9. Down syndrome
10. Colour blindness.

**(10 × 1 = 10 Marks)**

**P.T.O.**

## SECTION – B

II. Answer **any eight** of the following (not to exceed **one** paragraph. each carries **2** marks)

11. Test tube babies.
12. Organizer in development
13. Species of silkworm
14. Composite fish culture.
15. Aquaculture
16. Fishing years
17. Morphogenetic movements
18. Best aquarium plants
19. Multifactorial disorders in human (man)
20. Amniocentesis
21. Gene therapy
22. Mention four diseases of silkworm

**(8 × 2 = 16 Marks)**

## SECTION – C

III. Answer **any six** of the following (not to exceed **120** words. each carries **4** marks)

23. Explain the important types of fishing crafts.
24. Mention the common fishes used for the culture, in Kerala.
25. Mention the maintenance and management of Sericulture.

26. Briefly explain the formation of honey
27. Explain cardiovascular disorders
28. List the different poultry breeds
29. Explain the importance of pedigree analysis.
30. Briefly describe patterns of cleavage.
31. Explain human genome project

**(6 × 4 = 24 Marks)**

**SECTION – D**

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

32. Written essay on the Art of aquarium keeping.
33. Describe the breeds cattle used in dairying.
34. Explain the various prenatal diagnostic techniques?
35. Write an essay on Poultry breeding.

**(2 × 15 = 30 Marks)**