

Total No. of Questions-15]

[Total No. of Printed Pages

B.Sc. V Semester Examination

CBS-Vs/11

234729

ZOOLOGY

Course No. UZOTE - 501

Time Allowed-2½ Hours

Maximum Marks-80

Note : Attempt all the questions from section A and B. and any 2 questions from Section C.

Section A: Comprises 5 short answer type questions.
Answer to each question should be in 70-80 words. Each question carries 3 marks.
(5×3=15)

Section B : Comprises 5 medium answer type questions .
Answer to each question Should be in 250 - 300 words. Each question carries 7 marks.
(5×7=35)

Section C : Comprises 5 long answer type questions.
Attempt any 2 question. Answer to each question should be in 500 - 600 words. Each question carries 15 marks. ~~**(2×15=30)**~~

Draw labelled diagrams wherever necessary.

Section - A

1. Define symbiosis and its types.
2. Give causative agent and mode of transmission of Elephantiasis.

2500

(2)

3. Write the significance of embryo - transfer technology.
4. Write the characteristics of Aseel.
5. Define composite fish culture and name fish species used in this practice of aquaculture.

Section - B

6. Describe Parasitic Adaptations.
7. Give the Pathogenicity and control measures of *Entamoeba histolytica*. <https://www.jktopper.com>
8. Describe Retro virus mediated gene transfer method in transgenesis.
9. Write the characteristics of Black minorca and white leghorn poultry breeds.
10. Describe various types of Fishing Gears.

Section - C

11. Describe the Host types and their interdependence.
12. Give the causative agent, mode of transmission, prevention and control of tuberculosis.

(3)

13. Describe the following :
 - a. Artificial insemination in cattle.
 - b. Animal cloning.
14. Describe the induction of early puberty and synchronization of Estrus in cattles.
15. Give an account of freshwater prawn culture practice and add a note on its status and scope in India.

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