2022
ZOOLOGY
[P.G.]
(M.Sc. Second SemesterEnd Examination-2022)
PAPER-204

Full Marks: 40   **Time: 02 Hrs**

The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as far as practicable
Illustrate the answers wherever necessary

Use separate Answer script in each Unit

Group – A   Marks 20

Wild life & Environmental Management

1. **Answer anytwo questions from the following:**   2x2= 4

   a) What do you mean by vulnerable species? Give examples.

   b) Differentiate core region from buffer regionof a protected area.

   c) What do you mean by wild animals and domesticated animals?

   d) Write two laws of Wild life management.

2. **Answer anytwoquestions from the following:**   2x4 = 8

   a) Write the trends of wild life conservation.

   b) State the causes of depletion of wildlife wealth.

c) Discuss the steps of sustainable development.

d) Write note on

    i)   Radio collaring

    ii)   Tele satellite images.

3. Answer any one question of the following: 1x8 = 8

a) Write down the differences between National park and Biosphere reserve.

    What are rare and threatened species?   4+2+2

b) What do you mean by point and nonpoint pollution? Write consequences of water pollution.   2+2+4

Group – B   Marks 20

Aqua informatics

4. Answer any two questions from the following: 2x2= 4

a) What do you mean by spatial developmental database?

b) Mention the major areas of application of GIS in fisheries.

c) Write down effective steps of aquatic fauna conservation.

d) What is webbased aquainformatics?

5. Answer any two questions from the following: 2x4 = 8

a) Write down the role of radio in fishery sciences.

b) State the role of ICT in prawn farming.

c) Climate change causes the depletion of rice production – Discuss.

d) Mention the techniques by which fishermen can get the information prior to any natural calamities during their fish catching.

6. Answer any one question of the following: 1x8 = 8

a) Discuss how soft ware programme helps to the ecofriendly IMC culture.

b) Write down the name of two technologies to upgrade the fish culture and give an account of any one of these two technologies.