



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY

Question Paper

B.A./B.Sc./B.Com. Part-III (1+1+1) Examination 2020

3rd Year (General)

Subject: ZOOLOGY

Paper: IV

Full Marks: 56 (Theory) + 30 (Practical) = 86

Time: 3 Hours

Candidates are required to give their answer in their own words as far as practicable.

Questions are of equal value.

Answer **one question** [within 250 words] from each Group.

Group A (Theory)

1. Write a short note on Integrated Pest Management (IPM)?
2. What is sericulture? Briefly describe the life cycle of *Bombyx mori*?
3. What are the different methods of apiary management?
4. What are the different breeds of fowl? Describe about any one viral disease of fowl?
5. What is EIA? What are the importance and strategies of wild life conservation?
6. What is integrated farming ? Briefly describe marine pearl culture?



Group B (Practical)

1. Write down the principle and procedure for the estimation of Oxygen (O₂)?
2. Write the principle and procedure for the identification of human blood group?
3. Describe the principle and procedure of estimation of pH of solutions.
4. Write down the differences between LC₅₀ and LD₅₀.
5. Write the principle, procedure and ecological significance of salinity of water?
6. Write down the identifying characters and applied importance of the following:
 - (i) *Plasmodium vivax*
 - (ii) *Ctenopharyngodonidella*
 - (iii) *Macrobrachium rosenbergi*