

B.Sc. (CBCS Pattern) Sem-V
USCZOT10 - Core Paper-X - Zoology Paper-II : Applied Zoology

P. Pages : 1

Time : Three Hours



GUG/W/22/13120

Max. Marks : 50

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- Notes : 1. All questions are compulsory.
2. All questions carry equal marks.
3. Draw well labelled diagram wherever necessary.

1. Explain in brief: Fresh water type of Fisheries with suitable examples. **10**
- OR**
- a) Methods of Fish preservation.
b) Fish Diseases – Bacterial and fungal.
2. Describe Life history and pathogenicity of *Wuchereria bancrofti*. **10**
- OR**
- a) Medical importance and control of *Pediculus humanus corporis*.
b) Economic importance of Agricultural pest.
3. Explain in brief : Processing and preservation of eggs. **10**
- OR**
- a) Poultry diseases - Viral and Bacterial.
b) Progressive plans to promote Poultry as a Self – Employment venture.
4. Explain the process of Preservation of semen in Cattles. And add a note on : Artificial insemination in cattle. **10**
- OR**
- a) Management of a modern dairy farm.
b) Induction of early puberty and synchronization of estrus in cattle.
5. Write four or five lines on the following **any ten**. **10**
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|--------------------------------|------------------------------|
| i) Polyculture | ii) Carrying Capacity |
| iii) Artificial feeding | iv) Culex |
| v) <i>Helicoverpa armigera</i> | vi) <i>Sitophilus oryzae</i> |
| vii) Broilers | viii) Poultry breeding |
| ix) Commercial layers | x) Lumpy |
| xi) Quality Sires | xii) Lactation period. |
