

B.Sc. - III New CBCS Pattern Semester-V  
**USCZOT10 (DSE) Core Paper-X - Zoology Paper-II (Applied Zoology)**

P. Pages : 1

Time : Three Hours



**GUG/W/23/13120**

Max. Marks : 50

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

**1. Write an account on monoculture and polyculture. 10**

**OR**

a) Write a note on preservation of fish. 5

b) Write a note on bacterial diseases of fresh water fish. 5

**2. Write in detailed account on Ancylostoma duodenale. 10**

**OR**

a) Write note on life cycle and damage caused by *Helicoverpa Armigera*. 5

b) Give an account on life cycle and damage caused by *Sitophilus Oryzae*. 5

**3. Write a detailed account on poultry diseases. 10**

**OR**

a) Give account on principles of Poultry breeding. 5

b) Write an essay on processing and preservation of eggs. 5

**4. Give an account on preservation of semen in cattle. 10**

**OR**

a) Short note on techniques of AI. 5

b) Write note on management of modern dairy farm. 5

**5. Write 4-5 lines on any ten. 10**

- |                     |                    |
|---------------------|--------------------|
| i) Backwater.       | ii) Fin Rot.       |
| iii) Pisciculture.  | iv) Pulse Beetle.  |
| v) Cotton bollworm. | vi) Filariasis.    |
| vii) Broilers.      | viii) Water glass. |
| ix) Bird flue.      | x) Oestrus.        |
| xi) Anthrax.        | xii) Insemination. |

\*\*\*\*\*