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**SECOND YEAR (S.Y.B.Sc.)
ZOO23103: Economic Zoology
(Semester III)**

**Program: B.Sc.Gen
Program Specific: Zoology
Course Type: Mandatory Major
Paper: III**

**Credits: 2
Time: 2 Hours
Max. Marks: 30
SET: A**

Instructions to the candidate:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labelled diagram wherever necessary.

SECTION: A

Q1) Answer the following

[5 X 1= 5]

1. Define sericulture.
2. Explain fish culture.
3. Explain worker honey bee as caste.
4. What is poultry management?
5. Explain pearl culture.

SECTION: B

Q2) Answer the following (Attempt any 5/7)

[5 X 2 =10]

1. Explain broiler breed from poultry.
2. What is propolis?
3. Define vermiculture.
4. Sketch and label different stages of pearl formation.
5. Explain epigeic earthworms.
6. Explain systematic position of honey bees
7. Enlist any two species of pearl oyster.

SECTION: C

Q3) Answer the following/Write short notes on following (Attempt any 2/4)

[2 X 5 = 10]

1. Write a note on vermicomposting process and its significance.
2. Explain division of labour in honeybees.
3. Write a note on fishery by-products.
4. Write a note on silk gland in silkworm.

SECTION: D

Q4) Answer the following (Attempt any 1/2)

[5 X 1 = 5]

1. Define poultry and comment upon scope and economic importance of poultry
2. Write a note on bee products and its marketing.
