

Bachelor of Science (B.Sc.-III) Fifth Semester
B.Sc. 3538 - Zoology Paper-II : (Applied Zoology-I)
(Aquaculture and Economic Entomology)

P. Pages : 2

Time : Three Hours



GUG/W/18/1325

Max. Marks : 50

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

1. Define fish preservation and explain methods of fish preservation. 10

OR

Write notes on:

- a) Prawn culture 5
- b) Bacterial diseases 5

2. Give an account of life cycle, damage and control of cotton spotted bollworm Earias Vittella. 10

OR

Writes notes on:

- a) Rearing of mulberry silkworm Bombyx mori 5
- b) Lac products 5

3. Attempt the followings: 10

- a) Fish products
- b) Pearl culture
- c) Stored grain pest-Rice Weevil
- d) Types of silk worm.

OR

- e) Hatching pool
- f) Maintenance of an aquarium
- g) Damage & control of Housefly
- h) Types of honeybees.

4. Attempt the followings: 10
- a) Significance of sewage culture
 - b) Protocorm diseases
 - c) Pyrethroids
 - d) Honeybee products.
- OR**
- e) Bundh breeding
 - f) Helminths diseases
 - g) Predators and parasites
 - h) Lac products.
5. Write 4-5 lines on followings **any ten.** 10
- i) Rearing ponds
 - ii) Induced breeding
 - iii) Integrated fish farming.
 - iv) Live bearers
 - v) Gold fish
 - vi) Egg bearer
 - vii) Carbamate
 - viii) HCN
 - ix) Stable fly-Stomoxys Morsitans
 - x) Tasar silkworm - Antheraea Mylitta
 - ix) Marable frame hive
 - xii) Stick lac.
