

M.Sc.(Zoology) CBCS Pattern Semester-III
PSCZOOT12-2 - Core Paper-XII (Foundation Course-I) : Basic Entomology

P. Pages : 1

Time : Three Hours



GUG/W/23/11328

Max. Marks : 80

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

1. Explain the General characters and classification of Insect. 16

OR

Write short notes on:

- a) Insect Head
- b) Insect Antennae

2. Describe the Reproduction behavior of butterflies. 16

OR

Write short notes on:

- a) Insect sound production.
- b) Insect light production

3. Describe in detail on chemical communication in insects. 16

OR

Write short notes on:

- a) Honey Bee Dance
- b) Honey bee as Insect pollinators

4. Explain the five species of Order-Lepidoptera (Butterflies) of central India. 16

OR

Write short notes on-

- a) Three species of Order-Odonata (Dragonflies) of central India.
- b) Three species of Order-Coleoptera (Beetles) of central India.

5. Attempt the following. 16

- a) Incomplete metamorphosis.
- b) Reproduction behaviour of dragonflies.
- c) Predatory and edible insects.
- d) Three species of Order-Hymenoptera (Bees, Wasps and Ants) of Central India.
