

M.Sc. (Zoology) (CBCS Pattern) Third Semester  
**PSCZOOT12-2 / ZOO-XII - Foundation-II - Basic Entomology**

P. Pages : 1

Time : Three Hours



**GUG/W/18/11328**

Max. Marks : 80

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- Notes :
1. All questions are compulsory.
  2. All questions carry equal marks.
  3. Illustrate your answer with suitable diagrams.

1. Write an essay on Insect metamorphosis. 16

**OR**

Write notes on:

- a) Insect eyes
- b) Systematic position of Insects.

2. Explain in detail the reproductive behaviour in Butterflies. 16

**OR**

- a) Copulation & egg laying in dragonflies.
- b) Insect sound production

3. Describe pheromones in insects. Add a note on its significance. 16

**OR**

- a) Honey bee dance.
- b) Insect pollinators

4. Write an essay on butterflies of central India. 16

**OR**

- a) Coleoptera of central India.
- b) Odonata of central India.

5. Attempt the followings. 16

- a) Insect Thorax.
- b) Fireflies.
- c) Edible insects
- d) Warps.

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