

[1]

- X** The order of mosquito life stages is:
 A) Egg → Nymph → Adult
 B) Egg → Larva → Pupa → Adult
 C) Egg → Pupa → Adult
 D) Larva → Egg → Adult
- XI** Which of the following is not the economic importance of fishes?
 A) source of food
 B) source of water
 C) good source of vitamins
 D) polishing agents
- XII** Pisciculture is related to:
 A) Silk production
 B) Fish culture
 C) Bee keeping
 D) Mushroom cultivation
- XIII** Vermiculture involves:
 A) Breeding of bees
 B) Rearing of worms for composting
 C) Culture of fish
 D) Growing mushrooms
- XIV** Lac insect belong to order:
 A) diptera
 B) hemiptera
 C) Lepidoptera
 D) hymenoptera
- XV** In a bee colony, the drones are:
 A) Workers
 B) Males
 C) Females
 D) Queen larvae

2. Answer in long (any three)

[10×3=30]

- I** Briefly explain canal system of *Sycon*.
II Describe apiculture. Also explain the life cycle of honey bee.
III Give an comparative account of the polyp and medusa forms of *Obelia*.
IV Explain reproductive system of *Pila*.

3. Answer in short (any five)

[6×5=30]

- I** How many following of appendages of prawn bears? Explain.
II Describe the Structure of Ctenophora.
III Explain water vascular system of *Pentaceros*.
IV Short note on lac culture.
V Write a short note on male reproductive system of Nematelminthes?
VI Explain life cycle of rodents and its control.
VII Life cycle of *Hirudinaria* with diagram?