

Fundamentals of Entomology - Important Answers

Q1. Types of Head based on Mouthparts

1. Prognathous (■■■■■■■■■■) - ■■■■■■ ■■■ ■■ ■■■■ Example: Beetle
2. Hypognathous (■■■■■■■■■■) - ■■■■■■ ■■■■ ■■ ■■■■ Example: Grasshopper
3. Opisthognathous (■■■■■■■■■■) - ■■■■■■ ■■■■ ■■ ■■■■ Example: Aphid

Diagram: Prognathous → | Hypognathous ↓ | Opisthognathous ←

Q2. Types of Larvae

Polypod (■■■■■ ■■■■) - Caterpillar
Oligopod (■■■■■ ■■■■■■■■ ■■■■) - Beetle grub
Apodous (■■■■■ ■■■■) - Housefly maggot

Q3. Types of Metamorphosis

Ametabolous, Hemimetabolous (Egg→Nymph→Adult), Holometabolous (Egg→Larva→Pupa→Adult)

Q4. Types of Reproduction

Sexual reproduction, Parthenogenesis, Oviparity, Viviparity

Q5. Types of Wings

Membranous, Elytra, Hemelytra, Scaly, Hairy wings with examples Honey bee, Beetle, Bug, Butterfly, Caddis fly.