

1. In arthropods, this is complete

- (a) circulatory system
- (b) respiratory structures
- (c) digestive system
- (d) reproductive structures

Answer: (c)

2. The periplaneta belongs to which of this phyla

- (a) Echinodermata
- (b) Annelida
- (c) Mollusca
- (d) Arthropoda

Answer: (d)

3. The labrum in cockroach is attached to the head capsule through the means of

- (a) Clypeus
- (b) Genas
- (c) Frons
- (d) All the above

Answer: (a)

4. The characteristic of pronounced cephalisation is seen in

- (a) Arthropoda
- (b) Mollusca
- (c) Annelida
- (d) Echinoderms

Answer: (a)

5. This is the basic unit in the eye of insect/cockroach

- (a) Corneal facet
- (b) Ommatidium
- (c) Rhabdome
- (d) Retina

Answer: (b)

6. This is the common factor between housefly, anopheles and cockroach

- (a) three pair of legs
- (b) two pair of wings
- (c) cuticle covering the body
- (d) presence of cephalothorax

Answer: (a)

7. Pick the common trait in rats, bed bugs, mosquitoes, leeches

- (a) all these have a sexual phase
- (b) all these have no cellular membrane
- (c) all these do not have a nucleus
- (d) all these have an anticoagulant

Answer: (a)

8. The growth in arthropods goes along with this process

- (a) mitosis
- (b) only molting
- (c) only ecdysis
- (d) ecdysis and molting

Answer: (d)

9. To view the haemocoel, you would pick this animal

- (a) Sponge
- (b) Earthworm
- (c) Scolopendra
- (d) Hydra

Answer: (c)

10. In cockroach, the spiracles are found in

- (a) thorax – 2 pairs, abdomen – 4 pairs
- (b) thorax – 2 pairs, abdomen – 6 pairs
- (c) thorax – 2 pairs, abdomen – 8 pairs
- (d) thorax – 2 pairs, abdomen – 10 pairs

Answer: (c)

