

Chapter – 4 | Animal Kingdom

QUIZ PART-02

1. Porifera are commonly known as:

- A. Jelly fish
- B. Sponges
- C. Flatworms
- D. Corals (B)

Explanation : Porifera means pore-bearing animals, and they are commonly called sponges.

2. Water enters the sponge cavity through:

- A. Osculum
- B. Nematoblasts
- C. Ostia
- D. Hypostome (C)

Explanation : The small pores on the sponge body surface through which water enters are called ostia.

3. Water canal system in sponges helps in:

- A. Locomotion only
- B. Photosynthesis
- C. Food gathering, respiration and excretion
- D. Blood circulation (C)

Explanation : The water transport system helps sponges in food collection, respiration and removal of waste.

4. Choanocytes are also called:

- A. Collar cells
- B. Stinging cells
- C. Germ cells
- D. Nerve cells (A)

Explanation : Choanocytes or collar cells line the spongocoel and canal system.

5. Skeleton of sponges is made up of:

- A. Chitin only
- B. Spicules or spongin fibres
- C. Cartilage
- D. Bones (B)

Explanation : Spicules or spongin fibres provide support to the sponge body.

6. Bath sponge is an example of:

- A. Euspongia
- B. Hydra
- C. Aurelia
- D. Obelia (A)

Explanation : Euspongia is commonly known as bath sponge.

7. The name Cnidaria is derived from:

- A. Pores
- B. Segments
- C. Stinging cells
- D. Notochord (C)

Explanation : Cnidaria is named after stinging cells called cnidoblasts or nematoblasts.

8. Corals have an exoskeleton made of:

- A. Silica
- B. Calcium carbonate
- C. Spongin
- D. Chitin (B)

Explanation : Corals have a calcium carbonate exoskeleton.

9. In Coelenterata, the central cavity is called:

- A. Spongocoel
- B. Coelom
- C. Gastrovascular cavity
- D. Blastocoel (C)

Explanation : Coelenterates have a central gastrovascular cavity opening through the mouth.

10. Medusa form is usually:

- A. Sessile and asexual
- B. Free-swimming and sexual
- C. Cylindrical and asexual
- D. Fixed and non-reproductive (B)

Explanation : Medusa is free-swimming, umbrella-like and represents the sexual form.