



THE VILLAGE
INTERNATIONAL SCHOOL
"We Nurture Dreams"

Work sheet-2

MCQs

Directions: In the following questions, a statement of assertion is followed by a statement of reason. Mark the correct choice as:

- (a) If both Assertion and Reason are true and Reason is the correct explanation of Assertion.
- (b) If both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
- (c) If Assertion is true but Reason is false.
- (d) If both Assertion and Reason are false.

1. Assertion: Sponges do not show any animal nature.

Reason: Sponges are sessile having specialized structures for capturing food or eliminating wastes.

2. Assertion: In ctenophores, digestion is chiefly extracellular.

Reason: Digestive tract is incomplete in ctenophores.

3. Assertion: Cnidoblasts are present on the tentacles and the body in cnidarians.

Reason: Cnidoblasts are used for anchorage, defence and capture of the prey.

4. Assertion: Coelenterates are known as Radiata.

Reason: These are bilaterally symmetrical organism.

5. Assertion: Hydra is green in colour.

Reason: Green colour is due to the presence of chlorophyll in their body wall.

6. Assertion: Nerve cells in coelenterata have complete co-ordination in their body.

Reason: True nerve cells occur for the first time in coelenterate.

7.Assertion: Obelia is dimorphic in nature.

Reason: Polyp and gonangia form are exhibited by Obelia.

8. Assertion: Coelenterates show alternation of generation.

Reason: Asexual generation is followed by sexual generation in coelenterates.

9. Assertion: Coelenterata are diploblastic animals.

Reason: They have cellular level of organization.

10. Assertion: Platyhelminthes are generally hermaphrodites.

Reason: Fertilization is internal in Platyhelminthes.

11. Assertion: *F. hepatica* undergoes both aerobic and anaerobic respiration.

Reason: *Fasciola* respire only in absence of oxygen.

12.Assertion: In mammals, teeth are heterodont.

Reason: Mammalian teeth are embedded in a socket of jaw.

13.Assertion: The birds can maintain a constant body temperature. Reason: Birds possess feathers covering their body

14.Assertion: In fishes, heart is venous.

Reason: Only veins are present in the heart of fishes

15. Assertion: Water vascular system is the characteristic of echinoderms.

Reason: Main function of water vascular system is locomotion.

16. Assertion : Annelids are ureotelic. Reason : Only excretory product of annelids is uric acid.