



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

WORKSHEET – 09

Class: IX

Sub: Life Science

Date: 13.02.2021



Topic: Ch 1(part 9) Classification of Animals: Characteristics and Phylum Porifera and Cnidaria F.M. : 15

Choose the correct option:

(1x15=15)

- The body cavity lined with is called coelom.
a) Ectoderm b) Endoderm c) **Mesoderm** d) blastocoel
- The following phylum does not contain a true coelom:
a) annelid b) **platyhelminthes** c) mollusca d) hemichordate
- Pseudocoelom is found in the following phylum:
a) **Aschelminthes** b) echinoderm c) platyhelminthes d) all of these
- When the body cavity is absent such an organism is called:
a) pseudocoelomate b) coelomate c) **acoelomate** d) none of these
- The phylum which have acoelomate animals is called:
a) annelida b) **platyhelminthes** c) aschelminthes d) all of these
- The following is the important characteristic of notochord:
a) rod like b) dorsally present c) derived from mesoderm d) **all of these**
- The phylum Porifera includes type of animals.
a) **assymetrical** b) bilaterally symmetrical c) radially symmetrical d) all of these
- Minute pores through which water enters inside the animals of Phylum Porifera:
a) **Ostia** b) Osculum c) spongocoel d) all of these
- The water transport system in a phylum Porifera is used for the following function:
a) gathering food b) exchange of gases c) excretion d) **all of these**
- The animals of phylum Cnidaria have type of symmetry.
a) asymmetrical b) bilaterally symmetrical c) **radially symmetrical** d) none of these
- The stinging cells of Cnidarians are called
a) cnidoblasts b) nematocytes c) lasso cells d) **both (a) and (b)**
- Cnidoblasts serves as the following function:
a) anchorage b) defense c) capturing of prey d) **all of these**
- Cellular level of body organization is found in:
a) Protozoans b) **Porifera** c) Cnidaria d) all of these

14. The following is not the chief characteristic of medusa:
a) sessile b) free living c) umbrella shaped d) sexually reproducing
15. The phenomenon of alternation of generation between medusa and polyp is called.....
a) polymorphism b) metagenesis c) reproductive variation d) all of these

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