



ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION



SOLUTIONS – 08

Class: IX

Sub: Life Science

Date: 08.02.2021

Topic: Ch 1(part 8) Classification of Animals F.M. : 15

Choose the correct option:

(1x15=15)

- Group of cells that work together to serve tissues that perform common function is called
a) Organ **b) Tissue** c) Organ system d) Organism
- A eukaryotic cell consists of:
a) Membrane bound nucleus b) well defined nucleus c) membrane bound cell organelles
d) all of these
- The group of animals who do not have cells organized into tissues:
a) Cnidarians **b) porifera** c) platyhelminthes d) all of these
- Unicellular organisms include :
a) archaea b) bacteria c) protozoa **d) all of these**
- The type of reproduction where gametes fuse to form zygote is called reproduction.
a) sexual b) asexual c) vegetative d) all of these
- The group of animals which are sessile and immotile are:
a) round worms b) flat worms **c) sponges** d) cnidarians
- Movement in animals takes place so that they can :
a) Protect from predator b) capture prey c) colonize new habitats **d) all of these**
- Diploidy is defined as the existence of full sets of chromosomes.
a) one **b) two** c) three d) four
- The type of nutrition where animals ingest other organisms is called:
a) Parasitic b) Symbiotic **c) holozoic** d) symbiotic
- The type of level of organization where a single cell is responsible for all the metabolic activities:
a) tissue level **b) cellular level** c) organ level d) none of these
- Cellular level organization is found in the following animals:
a) cnidarians **b) sponges** c) platyhelminthes d) roundworms
- The following group of organisms have some specialized organs are present for some specific functions
a) cnidarians **b) platyhelminthes** c) sponges d) echinoderms
- The type of symmetry where the body cannot be divided into two equal halves :
a) Radial **b) Asymmetrical** c) Bilateral d) all of these

14. Radial symmetry is found in:
a) cnidarians b) **echinoderms** c) humans d) all of these
15. The triploblastic animals consists of following germ layer/s:
a) mesoderm b) endoderm c) ectoderm d) **all of these**

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