



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences Class: XI Date: 25.07.2020

**Animal Kingdom: Porifera, Cnidaria and Ctenophora (Part-I)** F.M:15

## WORKSHEET – 27

(1x15=15)

- i) Outer cell layer of Poriferans is called  
(1) Ectoderm (2) Pinacoderm (3) Choanoderm (4) Endoderm
- ii) Which of the following layers are present in between two cell layers in the body of Poriferans?  
(1) Epidermis (2) Mesenchyme (3) Choanoderm (4) Coelom
- iii) The pores that help in the entry of the water is  
(1) Ostia (2) Osculum (3) Nematocysts (4) None of these
- iv) Spongocoel remain lined by collared cells called  
(1) Choanocytes (2) Amoebocyte (3) Pinacocytes (4) Scleroblasts
- v) Which of the following is a fresh water sponge?  
(1) Sycon (2) Spongilla (3) Euplectella (4) Euspongia
- vi) Which of the following organisms is radially symmetric?  
(1) Hydra (2) Aurelia (3) Obelia (4) All of these
- vii) The specialised cells which is present in the ectoderm of Cnidaria are called-  
(1) Pinacocytes (2) Cnidioblasts (3) Amoebocytes (4) Scleroblasts
- viii) The opening of gastrovascular cavity that maintain connection with the cavity in Cnidarians is -  
(1) Ostia (2) Osculum (3) Hypostome (4) None of these
- ix) The asexual phase in the life cycle of Cnidarians is called-  
(1) Polyp (2) Medusa (3) Both (1) and (2) (4) None of these
- x) The number of anal pores present in Ctenophora is -  
(1) 1 (2) 2 (3) 3 (4) 4
- xi) The number of ciliary comb plates is-  
(1) 1 (2) 3 (3) 5 (4) 8
- xii) Statolith is-  
(1) Respiratory Organ (2) Circulatory Organ (3) Sense Organ (4) Nervous System
- xiii) Colloblast cells or Lasso Cells are present in-  
(1) Cnidaria (2) Ctenophora (3) Porifera (4) All of these
- xiv) Stomodaeum is found in  
(1) Hydra (2) Obelia (3) Aurelia (4) Pleurobrachia
- xv) The similarity between *Ctenoplana* and *Obelia* is  
(1) Presence of Cnidioblast (2) Alternation of generation (3) Biradial Symmetry  
(4) Nerve net

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