



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



## SOLUTIONS – 12

Class: IX

Sub: Life Science

Date: 22.02.2021

### Topic: Ch 1(part 12) Classification of Animals: Phylum Echinodermata and Phylum Chordata

F.M. : 15

Choose the correct option:

(1x15=15)

- The body of Echinoderms is covered with spines which are ..... in nature.  
a) Calcareous b) Siliceous c) ferrous d) carbonaceous
- Adults are .....symmetrical in Echinodermata.  
a) bilaterally b) radially c) asymmetrical d) none of these
- Water vascular system helps in the following function :  
a) locomotion b) capture c) transport of food d) all of these
- ..... is the locomotory organ of echinoderm  
a) Flagella b) cilia c) tube feet d) none of these
- Tube feet help in the following function  
a) locomotion b) food capture c) touch-sensation d) all of these
- The following is not the chief characteristic of notochord  
a) dorsally placed b) ventrally placed c) tubular nerve cord d) all of these
- The following is the characteristic of chordates:  
a) Notochord present b) pharyngeal gill slits c) post anal tail d) all of these
- The following is not the chief characteristic of Phylum Chordata :  
a) triploblastic b) bilaterally symmetrical c) eucoelomate d) open circulatory system present
- The following group does not fall under protochordates:  
a) hemichordates b) urochordates c) cephalochordates d) vertebrata
- Notochord is anteriorly present in the following Phylum:  
a) Hemichordata b) Urochordata c) Cephalochordata d) vertebrata
- Body is covered with a membranous covering i.e. tunic or test  
a) hemichordate b) urochordate c) cephalochordate d) vertebrata
- The animals of the following Phylum have Notochord extend throughout the entire length of the body and passes ahead of the brain in front:  
a) Hemichordates b) Urochordates c) Vertebrata d) Cephalochordates
- Filter feeding is found in the following group:  
a) Urochordates b) vertebrata c) Agnatha d) Echinodermata

14. The common name of *Ascidia* is:  
a) Pearl oyster b) cuttle fish c) sea squirts d) octopus
15. < shaped muscles of Cephalochordates are called  
a) myomeres b) myacoma c) myocardium d) none of these

Shaista Ahmed

