

DAILY PRACTICE PROBLEM (DPP - 01)

Subject: Zoology

Chapter: Animal Kingdom

Topic: Basis of classification

- Q.1 Which level of organization is found in majority of animals ?
- (1) Cellular grade (2) Cell-tissue grade
(3) Tissue-organ grade (4) Organ-system grade

- Q.2 On the basis of following figures select the correct option:

Figure-A **Figure-B**

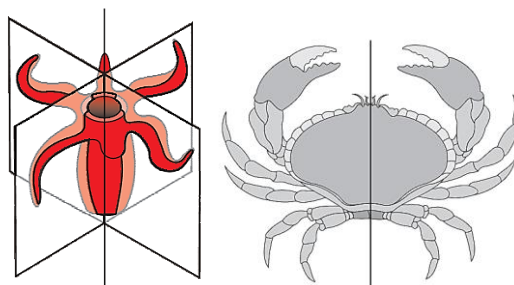
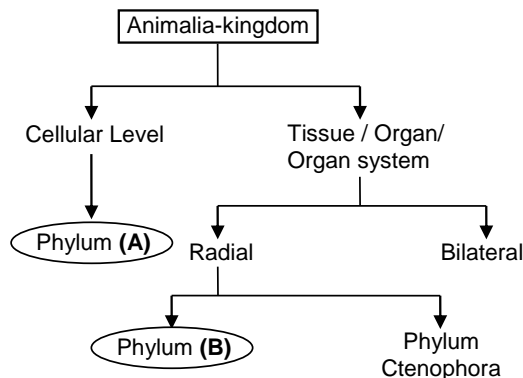


	Figure-A	Figure-B
(1)	Mostly seen in Sponges	- Mostly seen in Adult Echinoderms
(2)	Generally seen in Coelenterate	- Generally seen in triploblastic animals
(3)	Generally seen in Ctenophores	- Generally seen in Chordates only
(4)	Represents bilateral symmetry	- Represents radial symmetry

- Q.3 In some animal groups, the body is found divided into compartments with at least some organs/organ repeated. This characteristic feature is named as:
- (1) Pseudosegmentation (2) Metamerism
(3) Metagenesis (4) Metamorphosis

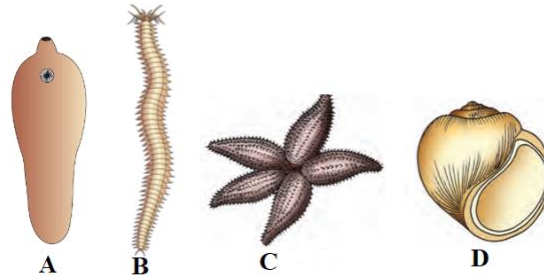
- Q.4 Consider the classification which is given below :



In above classification, (A) and (B) respectively represents :

- (1) Porifera, Cnidaria (2) Porifera, Annelida
(3) Chordata, Porifera (4) Cnidaria, Arthropoda

Q.5 Observe the below diagrams and choose correct option:



- (1) All these animals are aquatic and free living.
- (2) All are true coelomates.
- (3) "C" has radial symmetry but remaining have bilateral symmetry.
- (4) All these animals have tissue and organ level of organisation

Q.6 Majority of adult sponges show :

- | | |
|------------------------|-----------------------|
| (1) Asymmetry | (2) Radial symmetry |
| (3) Bilateral symmetry | (4) Biradial symmetry |

Q.7 Which of the following statement is incorrect?

- (1) All members of animalia are multicellular and exhibit the same pattern of organization of cells
- (2) Organ system in different groups of animals exhibit various patterns of complexities
- (3) Notochord is a rod-like structure formed during embryonic development in some animals
- (4) In some animals, mesoderm is present as scattered pouches in between ectoderm and endoderm

Q.8 Which of the following is correctly paired ?

- | | |
|------------------------------------|---|
| (1) Arthropods → Coelomate animals | (2) Mollusca → Metameric segmentation found |
| (3) Echinoderm → Notochord present | (4) Platyhelminthes → Radially symmetrical |

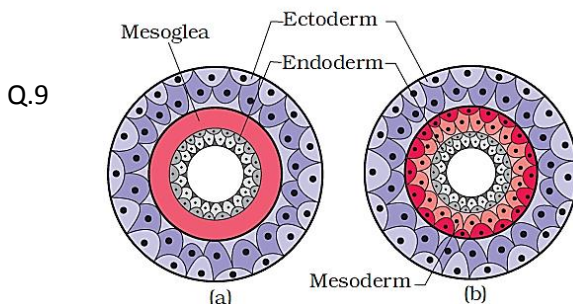


Figure 'a' and 'b' respectively found in :

- | | |
|----------------------|----------------------|
| (1) Cnidaria, Taenia | (2) Taenia, Cnidaria |
| (3) Fasciola, Taenia | (4) Taenia, Fasciola |

Q.10 Which one of the following group of animals is bilaterally symmetrical and triploblastic ?

- | | |
|--------------------------------|---------------------------------|
| (1) Sponges | (2) Ctenophores |
| (3) Coelenterates (Cnidarians) | (4) Aschelminthes (round worms) |

Q.11 Find out the incorrect statement regarding notochord :

- (1) It is mesodermally derived rod like structure
- (2) It is formed on the dorsal side during embryonic development of chordates
- (3) Hemichordates have notochord on ventral surface
- (4) All vertebrates have notochord during embryonic period

Q.12 Observe the following characteristic features and find out the correct example:

I. An undifferentiated layer is present between ectoderm and endoderm

II. Symmetrical animals

Options are:-

- (1) Platyhelminthes (2) Echinoderms (3) Porifera (4) Coelenterates

Q.13 "When any plane passing through the central axis of the body divides the organism in to two identical halves" this statement is true for:-

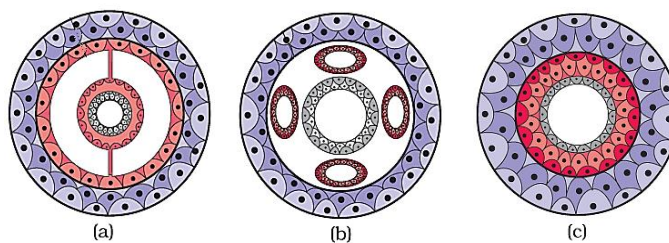
- (1) Coelenterates and arthropods (2) Arthropods and echinoderms
- (3) Coelenterates and ctenophores (4) Arthropods and annelids

Q.14 The radial symmetry is observed in :

- A. Platyhelminthes B. Coelenterates
- C. Aschelminthes D. Annelids
- E. Echinoderms

- (1) B and E only (2) B, C and E only (3) A, B and C only (4) A, C and E only

Q.15 Which of the following given figure is applicable for coelomic condition found in phylum Platyhelminthes :



- (1) Only 'a' (2) Both 'b' and 'c' (3) Only 'c' (4) Both 'a' and 'b'

Answer key

Q.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans:	4	2	2	1	3	1	1	1	1	4	3	4	3	1	3