Resonance®
Educating for better tomorrow

TARGET : NEET (UG) 2024

Course : SARANSH (Youtube Live CRASH COURSE)

BIOLOGY

DPP

DAILY PRACTICE PROBLEMS

DPP NO. 1

ZOOLOGY: Animal Kingdom 1

DPP No. : 1

1. Water transport and canal system in sponges is helpful in :
(1) Food gathering (2) Respiratory exchange
(3) Removal of waste (4) All of the above

2. Organization in sponges is
(1) Protoplasmic grade (2) Cellular grade (3) Organ grade (4) Tissue grade

3. Following characters are related to the phylum.
I. Aquatic, mostly marine
II. Sessile or free swimming
III Radially symmetrical animals
IV. They show polymorphism
(1) Porifera (2) Ctenophora (3) Echinodermata (4) Coelenterata

4. Metagenesis is shown by
(1) *Hydra* (2) *Adamsia* (3) *Aurelia* (4) *Obelia*

5. Which statement is not true -
(1) sponges are mostly asymmetrical.
(2) Ctenophores have tissue grade of body organization.
(3) Undifferentiated measoglaea present between ectoderm and endoderm in ceolentrates.
(4) Nematodes exhibit radial symmetry

6. Cnidoblat is used for
(1) anchorage (2) defense (3) capture of prey (4) All

7. *Planaria* possess high capacity of:
(1) metamorphosis (2) regeneration
(3) alternation of generation (4) bioluminescence

8. One of the following characteristics is not correct for nematode
(1) Elongated cylindrical body (2) bilaterally symmetrical
(3) Hermaphroditism (4) Pseudocoelomate

9. Triploblastic acoelomate animals are
(1) Nematodes (2) Platyhelminthes
(3) Some arthropods (4) Both (1) and (2)

10. Following features belong to which of the following phylum?
a. Triploblastic.
b. Bilateral symmetry.
c. Eucoelomate.
d. Metamerism.
(1) Mollusca (2) Aschelminthe (3) Platyhelminthes (4) Annelida

11. Animals with soft body, bilateral symmetry, triploblastic and unsegmented, usually protected by a shell made up of calcium carbonate belongs to phylum
(1) porifera (2) echinodermata (3) mollusca (4) arthropoda

12. The space between the visceral hump and dorsal spongy skin is called..... in which ..... are present in case of molluscs
(1) Mantle cavity, gill (2) Body cavity and shell
(3) Viscera and shell (4) Shell and Viscera

13. In which phylum, larva is bilaterally symmetrical and adult have radial symmetry?
(1) Arthropoda (2) Mollusca (3) Hemichordata (4) Echinodermata

14. The exoskeleton in echinoderms consists of
(1) silica (2) tunicin (3) calcium carbonate (4) chitin

15. Proboscis gland in *Balanoglossus* is associated with
(1) Digestion (2) Respiration (3) Circulation (4) Excretion

16. Which of the following phylum shows segmentation?
(1) Annelida (2) Arthropoda (3) Both (1) & (2) (4) None of these

17. First true coelomates are
(1) *Nereis* (2) scorpion (3) crab (4) *Wuchereria*

18. **Assertion:** The phylum Aschelminthes represent pseudocoelomates
Reason: In Aschelminthes, mesoderm is present as scattered pouches in between ectoderm and endoderm
Read the **Assertion** and **Reason** carefully to mark the correct option out of the options given below:
(1) Both **Assertion** and **Reason** are true and the **Reason** is the correct explanation of the **Assertion**.
(2) Both **Assertion** and **Reason** are true but **Reason** is not the correct explanation of the **Assertion**.
(3) **Assertion** is true but **Reason** is false.
(4) Both **Assertion** and **Reason** are false

19. Biradial symmetry and lack of cnidoblasts are the characteristics of
(1) *Hydra* and starfish (2) *Ctenoplana* and *Beroe*
(3) *Aurelia* and *Paramoecium* (4) Starfish and sea anemone

20. **Assertion :** Coelenterates show alternation of generation.
Reason : In coelenterates, asexual generation is followed by sexual generation.
Read the **Assertion** and **Reason** carefully to mark the correct option out of the options given below:
(1) Both **Assertion** and **Reason** are true and the **Reason** is the correct explanation of the **Assertion**.
(2) Both **Assertion** and **Reason** are true but **Reason** is not the correct explanation of the **Assertion**.
(3) **Assertion** is true but **Reason** is false.
(4) Both **Assertion** and **Reason** are false