

Class 11
12-8-2016

Second Unit Test (First Term) in BIOLOGY

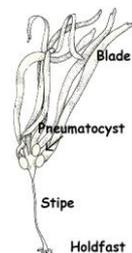
Time : 1 hr.
M. Marks: 20

General Instructions:-

- All questions are compulsory.
- Attempt all parts of one question together.
- Give labelled diagrams and examples where ever required.

1. Represent Haplo–diplontic life cycle pattern by a diagram. (1)
2. Name the following scientifically:-
 - a) The algal partner of lichen _____.
 - b) The exogenously borne spores of Ascomycetes _____.(1)
3. Both gymnosperms and angiosperms bear seeds, then why are they classified separately? (1)
4. What is Metagenesis in Cnidarians? Mention an example which exhibits this phenomenon. (1)
5. Give the appropriate term for the following:-
 - a) Producing offspring that as embryos develop within and derive nourishment from the body of the female parent.
 - b) An organ that regulates buoyancy in fishes.
 - c) Phylum of segmented worms.
 - d) A marine Echinoderm having water vascular system. (2)
6. Identify the organism and write down the name of its phylum/class:-
 - a) Organism with jointed appendages and Chitinous body covering.
 - b) Organisms with cell aggregate body plan and porous body.
 - c) Organism with rough scaly body and four chambered heart.
 - d) Parasitic organisms with dorsoventrally flattened body. (2)
7. Differentiate between a diploblastic and triploblastic animals. Give related diagrams and examples. (2)
8. a) Why are the leaves of fern called as Sporophylls?
b) What is the reason of formation of two male gametes in Angiosperms? (2)
9. Explain the formation of a Dikaryon? (2)

10. a) Identify the diagram in the picture and mention the group it belongs to:



b) Give a schematic representation of life cycle of Moss.

(1+2=3)

11. Enlist any six flight adaptations of Birds.

(3)

-X-X-X-X-X-