ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTIONS – 07

Class: IX Sub: Life Science Date: 06.02.2021

Topic: Comparison of different plant groups F.M. : 15

Choose the correct option: (1x15=15)

1. Simple plant body without vascular tissue is found in:
   a) Pteridophytes b) Algae c) Angiosperms d) Gymnosperms
2. The following plant group is called 'amphibians of the plant kingdom':
   a) Algae b) pteridophytes c) bryophytes d) gymnosperms
3. First land vascular plants were:
   a) Bryophytes b) pteridophytes c) algae d) all of these
4. True roots are absent in Algae ,instead ……. is present for anchorage
   a) holdfast b) haustoria c) rhizoids d) adventitious roots
5. Smooth walled or notched or tuberculate rhizoids are found in the following groups:
   a) pteridophytes b) bryophytes c) Fungi d) algae
6. The part which is present at the centre of a non vascular shoot axis which conducts water and minerals:
   a) holdfast b) leptome c) hydrome d) siphon
7. The type of leaves found in algae:
   a) Simple parenchymatous leaf b) megaphyllous leaf c) compound leaf d) microphyllous
8. Megaspore is present in :
   a) algae b) bryophyte c) pteridophyte d) all of these
9. The association of roots of gymnosperms with fungi is called:
   a) Mycorrhiza b) lichen c) rhizome d) rhizoids
10. Dicots have…….. type of root system.
    a) adventitious b) fibrous c) tap root d) rhizomatous
11. The xylem of gymnosperms do not have ……
    a) cellulose b) vessels c) tracheids d) xylem parenchyma
12. The following is not the characteristic of a monocot leaf:
    a) Long leaves b) sheathing base c) parallel venation d) reticulate venation
13. The following is an important characteristic of a dicot leaf:
    a) Broad lamina b) reticulate venation c) simple and compound leaves d) all of these

14. Annual growth rings are found in:
    a) Stem of dicots b) stem of monocots c) stem of pteridophytes d) all of these
15. The seeds of gymnosperms are:
    a) monocotyledonous b) dicotyledonous c) polycotyledonous d) none of these

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