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Competitive Exams: Botany MCQs (Practice_Test 74 of 104)

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1. Archegonium in *Pellia* and *Anthoceros* develops from
 - a. Endothecium and amphithecium respectively
 - b. Amphithecium and endothecium respectively
 - c. endothecium
 - d. Amphithecium

2. Match List I with List II and select the correct answer

List-I	List-II
A. Aborescent lycopod	1. Rafflesia
B. Largest flower	2. Lepidodendron
C. Largest ovule	3. Cycas
D. Tallest tree	4. Sequoia

A B C D

- a. 1 2 4 3
- b. 1 2 3 4
- c. 2 1 4 3
- d. 2 1 3 4

3. Which one of the following organism may respire in the absence of oxygen?

- a. Azotobacter
 - b. Clostridium
 - c. Rhizobium
 - d. Lactobacillus
4. The position of flagella in the members of brown algae is
- a. Apical
 - b. Sub-apical
 - c. Basal
 - d. Lateral
5. Cephaleuros, a parasite on tea plants belongs to
- a. Algae
 - b. Fungi
 - c. Bacteria
 - d. Viruses
6. Which one of the following nitrogen fixing root nodule symbiotic is associated with the trees of *Alnus* and *Casuarinas*?
- a. Rhizobium
 - b. Nostoc
 - c. Anabaena
 - d. Frankia
7. Which one of the following is popularly known as 'maidenhair tree'?
- a. *Adiantum*
 - b. *Ginkgo*
 - c. *Cyathea*
 - d. *Gentum*
8. Which one of the following plants was first known to science in fossil state, but was later discovered in living state as well?
- a. *Zamia*
 - b. *Araucaria*
 - c. *Sequoiadendraon*

- d. Met sequoia
9. The fossil, pentoxylon was discovered in
- Srinagar, Kashmir
 - Rajmahal, Bihar
 - Shimla, Himachal Pradesh
 - Golconda, Andhra Pradesh
10. Pneumatophores are characteristic of
- Submerged plants
 - Parasitic plants
 - Mangroves
 - Alpine plants
11. Subunits comprising the protein coat of a virus are called
- Capsomers
 - Capsids
 - Viroids
 - Prions
12. Which of the following are true of archaeobacteria?
- Presence of peptidoglycan cell wall.
 - Extreme halophytes
 - Extreme thermophiles.
 - Methanone's

Select the correct answer using the codes given below:

- 1,2 and 3
 - 2,3 and 4
 - 1,3 and 4
 - 1,2 and 4
13. Reindeer moss and Iceland moss found in the extremely cold climates belong to
- Bryophytes
 - Pteridophytes

- c. Algae
- d. Lichens

14. Match List I with List II and select the correct answer.

List-I	List-II
A. Spike	1. Psilotum
B. Sporocarp	2. Equisetum
C. Synergism	3. Marsilea
D. Sporangiphore	4. Ophioglossum

A B C D

- a. 4 3 2 1
- b. 4 3 1 2
- c. 3 4 1 2
- d. 3 4 2 1

15. In which one of the following genera does the dispersal of seeds occur due to the build up of turgor pressure inside the fruit?

- a. Momordica
- b. Calotropis
- c. Salmalia
- d. Ecballium