

Competitive Exams: Botany MCQs (Practice-Test 74 of 104)

1. Archegonium in Pteridium 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

- a. Aborescent lycopod
- b. Largest flower
- c. Largest ovule
- d. Tallest tree

List-II

- a. Rafflesia
- b. Lepidodendron
- c. Cycas
- d. 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

- a. Srinagar, Kashmir
- b. Rajmahal, Bihar
- c. Shimla, Himachal Pradesh
- d. Golconda, Andra Pradesh

10. Pneumatophores are characteristic of

- a. Submerged plants
- b. Parasitic plants
- c. Mangroves
- d. Alpine plants

11. Subunits comprising the protein coat of a virus are called

- a. Capsomers
- b. Capsids
- c. Viroids
- d. Prions

12. Which of the following are true of archaeobacteria?

- a. Presence of peptilglycan cell wall.
- b. Extreme halophytes
- c. Extreme themophyles.
- d. Methadone's

Select the correct answer using the codes given below:

- a. 1, 2 and 3
- b. 2, 3 and 4

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c. 1, 3 and 4

d. 1, 2 and 4

13. Reindeer moss and Iceland moss found in the extremely cold climates belong to

a. Bryophytes

b. Pteridophytes

c. Algae

d. Lichens

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

List-I

List-II

a. Spike

a. Psilotum

b. Sporocarp

b. Equisetum

c. Synergism

c. Marsilea

d. Sporangiphore

d. 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

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c. Salmalia

d. Ecballium