

Examrace

Competitive Exams: Botany MCQs (Practice_Test 104 of 104)

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1. The sours is of the gradate type in

- a. Nephrologists
- b. Hymenophyllum
- c. Osmunda
- d. Angiosperms

2. Match List I (Groups of plants) with List II (Characters present) and select the correct answer

List-I	List-II
<p>A. Psilopsida</p> <p>B. Lycopsida</p> <p>C. Sphenopsida</p> <p>D. Pteropsida</p>	<p>1. Sporangiphore</p> <p>2. Megaphyllous leaf</p> <p>3. Rootless plants</p> <p>4. Companion cells</p> <p>5. Single sporangium on the ad axial surface of a isopropyl</p>

A B C D

- a. 3 1 4 2
- b. 3 5 1 2
- c. 1 3 4 5
- d. 2 5 1 3

3. Sex determination is of the XY type in

- a. Ulva
- b. Sphaerocarpos

- c. Vaucheria
 - d. Enteromorpha
4. Sporogenous tissue (archesporium) is formed from the amphithecia in
- a. Anthoceros
 - b. Marchantia
 - c. Porella
 - d. Riccia
5. The state in which the viral genome gets integrated with the bacterial genome is called
- a. Prophage
 - b. Prophase
 - c. Adsorption
 - d. Lysogeny
6. Which of the following produce starch?
- a. Chlorophyceae
 - b. Dinophyceae
 - c. Chrvsophyceae
 - d. Cyanophyceae

Select the correct answer

- a. 1,2 and 3
 - b. 1,3 and 4
 - c. 1,2 and 4
 - d. 2 and 3
7. Green algae are also included among the items carried by astronauts in a space ship. Which of the following are the reasons for this?
- a. These being very simple plants are amenable to a variety of experiments.
 - b. These may provide nourishment to the persons on the space ship
 - c. These act as a source of oxygen.

Select the correct answer

- a. 1.2 and 3
- b. 1 and 3

c. 1 and 2

d. 2 and 3

8. Match List I (mode of nutrition in bacteria) with List II (examples of bacteria) and select the correct answer

List-I	List-II
A. Photoautotroph	1. Escherichia coli
B. Chemoautotroph	2. Rhodospirillum rubrum
C. Photoheterotroph	3. Chlorobium sp.
D. Chemoheterotroph	4. Nitrosomonas sp.

A B C D

a. 4 3 2 1

b. 3 4 1 2

c. 3 4 2 1

d. 4 3 1 2

9. Red rust of tea is caused by

a. Aspergillus parasiticus

b. synchytrium endobioticum

c. Polyporus versicolor

d. Cephaleuros virescens

10. Peritrichous bacteria have

a. Flagella all over the body

b. Tuft of flagella at one end

c. Tuft of flagella at both ends

d. Single flagellum at one end

11. Both algae and fungi are NOT independently capable of initiating serial changes on bare rocks but lichens can do so because they

a. Adapt suitably to xeric conditions

- b. Are a combination of algae and fungi
 - c. Can secrete acids for weathering
 - d. Do not require much moisture
12. Which one of the following liverworts was discovered in India
- a. Sewardiella
 - b. Wiesnerella
 - c. Gollaniella
 - d. Riella
13. Flowers of Casuarinas exhibit
- a. Porogamy
 - b. Mesogamy
 - c. chalazogamy
 - d. Apogamy
14. 'Traveler's Palm' belongs to the family
- a. Palmae
 - b. Bombacaceae
 - c. Musaceae
 - d. Pandanaceae