

## Competitive Exams: Botany MCQs (Practice-Test 83 of 104)

1. Match List I with List II and select the correct answer using the codes given below the lists:

List-I

- a. Deciduous forest tree
- b. Conifer
- c. Palm
- d. Aquatic microphyle

List-II

- a. Tectona
- b. Junipems
- c. Borassus
- d. Lemna

**A B C D**

a. 1 3 4 2

b. 1 2 3 4

c. 2 1 3 4

d. 3 2 1 4

2. Cryogenic storage of germ plasm is done at

- a. 4 degrees C
- b. -10 degrees C
- c. -40 degrees C
- d. -196 degrees C

3. An endemic taxon is one

- a. Whose distribution is restricted to a small area

- b. Which is distributed widely
  - c. Which is endangered
  - d. Which is economically important
4. A list of endangered species is given in
  - a. Bluebook
  - b. Treatise in Biology
  - c. Red Data Book
  - d. Proceedings of UNESCO
5. Which one of the following trophic levels in the food chain has the maximum energy?
  - a. Herbivores
  - b. Carnivores
  - c. Producers
  - d. Decomposers
6. Which one of the following human activities would cause least damage to the ecosystem?
  - a. Organic farming
  - b. Shifting agriculture
  - c. Urban expansion
  - d. Cultivation of genetically engineered plants
7. The terms r selection and k selection are used in
  - a. Succession
  - b. Afforestation
  - c. Silviculture
  - d. Pollution
8. VAM stands for
  - a. Vesicular arbuscular mycorrhizae
  - b. Vascular arbuscular mycelium

- c. Vascular antibody monitor
  - d. Vesicular axial meiosis
9. Synthetic seeds are produced by
- a. Encapsulating somatic embryos
  - b. Encapsulating zygotic embryos in artificial nutrient jelly
  - c. Encapsulating genetically engineered embryos
  - d. Transplanting zygotic embryos of one plant in the endosperm of a related plant
10. Mycorrhiza promotes plant growth by
- a. Helping the plant in utilizing atmospheric nitrogen
  - b. Protecting the plant from infection
  - c. Absorbing inorganic ions from the soil
  - d. Serving as plant growth regulator
11. Insect-resistant transgenic cotton has been produced by inserting a piece of DNA from
- a. An insect
  - b. A bacterium
  - c. A wild relative of cotton
  - d. A virus
12. Large amounts of a single now be synthesized by using
- a. Gene technology
  - b. Tissue culture technology
  - c. Hybridism technology
  - d. Transgenic technology
13. Which one of the following techniques is used for identifying a DNA sequence that binds to a particular protein and is based on the idea that the phosphodiester bonds in the region covered by the protein are protected from digestion by deoxyribonucleic?
- a. Finger printing
  - b. Foot printing

c. R A P D

d. FISH

14. Transgenic plants are produced by introducing new genes by using

a. Mutation technique

b. Crossing over

c. Radiation

d. Gene gun

15. Match List I with List II and select the correct answer using the codes given below the lists:

List-I

a. Laminar flow

b. Genetic Engineering

c. PEG

d. Cryoprsvervation

List-II

a. Frozen state

b. Tissue culture

c. Protoplast fusion

d. DNA

**A B C D**

a. 2 4 3 1

b. 1 3 2 4

c. 2 3 4 1

d. 1 4 2 3