

## Competitive Exams: Botany MCQs (Practice-Test 31 of 104)

1. Vincristin and Vinblastin, the chemical substances that can cure Leukemia, are obtained from
  - a. Rauwolfia serpentina
  - b. Catharanthus roseus
  - c. Witania somnifera
  - d. Strychnos nux-vomica
2. The chief additive of coffee is chicory. The part of the plant used is
  - a. Dried roasted bark
  - b. Dried roasted leaves
  - c. Dried flowers
  - d. Dried roasted roots
3. Vegetable fibres are classified based on their morphological nature and structure into
  - a. Bast fibres, structural fibres and filling fibres
  - b. Bast fibres, structural fibres and surface fibres
  - c. Bast fibres, suriace fibres and textile fibres
  - d. Bast fibres, surface fibres and brush fibres
4. Which plant part is utilized for extraction of drugs from Adhatoda vasica, Aloe barbadensis and Digitalis purpurea?
  - a. Flowers
  - b. Underground parts
  - c. Leaves
  - d. Stems
5. Which one of the following groups is found in tropical deciduous forests?

- a. Shorea: Terminalia
  - b. Juniperus: Abies
  - c. Quercus: Rhododendron
  - d. Capparis: Acacia
6. Sub-tropical pine forest is found in
- a. Northern part of Assam
  - b. Hilly region of Meghalaya
  - c. Coastal areas in Tamil Nadu
  - d. Western part of Madhya Pradesh
7. Which one of the following taxa is commonly available in the moist alpine scrub vegetation of India?
- a. Shorea
  - b. Rhododendron
  - c. Terminalia
  - d. Dipterocarpus
8. Which one of the following statements is true for the evergreen trees?
- a. They shed their leaves during a particular season only
  - b. They do not shed their leaves
  - c. They shed their leaves all the year round
  - d. They do not show leaf senescence
9. Which one of the following terms denotes the southern temperate vegetation of our country and which is represented by extensive growth of grasses and evergreen forests?
- a. Alpine vegetation
  - b. Moist tropical forest
  - c. Sholas
  - d. Tundra vegetation
10. Which one of the following forest types would be found in such a place?

- a. Tropical wet evergreen forest
- b. Tropical dry deciduous forest
- c. Himalayan temperate forest
- d. Moist alpine scrub

11. Consider the following statements: The ex-situ conservation of genetic resources can be done through

- a. Tissue culture practices
- b. Maintenance of sanctuaries
- c. The establishment of germ plasm banks
- d. The establishment of national parks

Which of these statements is/are correct?

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

12. Consider the following regions of India:

- a. Eastern Himalaya
- b. Eastern Ghats
- c. Western Ghats
- d. Western Himalaya

Which of these are designated as biodiversity Hot spots in India?

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

13. Which one of the following is the most convenient and popular source for isolation and culture of protoplasts?

- a. Root tip
- b. Shoot meristem
- c. Leaf
- d. Pollen

14. Which one of the following plants is generally used as green manure?

- a. Euphorbia
- b. Sesbania
- c. Eupatorium
- d. Parhtinum

15. Match List I with List II and select the correct answer:

List-I (Names of Scientists)

List-II (Concept/discipline)

- a. Turesson
- b. Harper
- c. Lindeman
- d. Raunkiaer

- a. Life forms
- b. Energy flow in ecosystem
- c. Population biology
- d. Genecology

**A B C D**

---

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