

## Examrace

### Competitive Exams: Botany MCQs (Practice\_Test 2 of 104)

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1. The statement, Even in the absence of a balance between the primary evolutionary agents, two or more alleles can be main. Tamed together in the same panmictic population for indefinite periods of time, refers to
  - a. Polymorphism
  - b. Heterocyst
  - c. Balance polymorphism
  - d. Geographic polymorphism
  
2. Senescence is
  - a. A process of shedding leaves
  - b. An irreversible catabolic phase of the aging process
  - c. A process of shedding flowers
  - d. A reversible metabolic phase in the growth of the plant
  
3. Match list I (Structure) with list II (Explanation/definition) and select the correct answer:

List-I	List-II
A. Nucleoside B. Nucleotide C. Nucleolus D. Nucleosome	1. Deeply stained body containing rRNA 2. Portion of a DNA or RNA composed of one deoxyribose (in DNA) or ribose (in RNA) plus a purine or a pyrimiding 3. Short disk-shaped cylinders composed of nucleoproteins and spaced at roughly 100 A intervals on chromosomes 4. Portion of DNA or RNA composed of a purine or pyrimiding base, a deoxyribose (in DNA) or a ribose (in RNA) and phosphoric acid

**A B C D**

a. 1 3 2 4

b. 2 1 3 4

c. 1 3 2 4

d. 2 4 3 1

4. Which one of the following is the causal organism of rust disease of pea?

5. Match List I (Disease) with List II (causal organism) and select the correct answer:

List-I	List-II
A. Blast disease of rice	1. Xanthomonas oryzae
B. Leaf blight of rice	2. Pyricularia oryzae
C. Smut of maize	3. Puccinia graminis
D. Leaf rust of wheat	4. Ustilago maydis

**A B C D**

a. 1 2 3 4

b. 2 1 4 3

c. 2 1 3 4

d. 1 2 4 3

6. During the breakdown of cellulose in host cell wall by fungal pathogens, the sequence of cellulolytic enzymes involved is

a. C1 cellulose, cellobiase, C cellulose

b. cellobiase, C cellulose, C1 cellulose

c. C1 cellulose, C cellulose, cellobiase

d. C, cellulose, cellobiase, C1 cellulose

7. From which one of the following sets of plants is rubber obtained?

- a. Hevea brasiliensis, Castilla elastica, Landolphia thallarmii
- b. Ficus elaslica, Parthenium argentatum, Artocapus integrifolia
- c. Fiats bengalensis, Ficus elastica, Cryptostegia grand flora
- d. Taraxacum, Euphorbia tirucalli

Calotripis procera

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

List-I	List-II
A. Oryza sativa	1. Coking Oil
B. Curcuma longa	2. Food
C. Coriandrum sativum	3. Dye
D. Arachis hypogea	4. Spice

A B C D

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

9. Which one of the following is the botanical name of oil palm?

- a. Elaeis guineensis
- b. Olea europeaea
- c. Cocas nucifera
- d. Carthmus tintorius

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

List-I	List-II
A. Rapeseed oil	1. Carthamus tinctorius
B. Linseed oil	2. Linum usitatissimum
C. Candlenut oil	3. Brassica juncea

D. Safflower oil

4. Aleurites moluccana

A B C D

a. 3 2 4 1

b. 2 3 4 1

c. 3 2 1 4

d. 1 4 3 2

11. The quality of cotton is evaluated in terms of
- Length of fiber
  - Count
  - Weight
  - Tensile strength
12. Which one of the following groups of spices belongs to one family?
- Ferula asafoetida, Elettaria Cardamom, Syzygium aromaticum
  - Trigonella foenum-graecum, Brassica competris, Cuminum cyminum
  - Foeniculum vulgare, Ferula asafoetida, Carum copticum
  - Syzygium aromaticum, Pimenta officinalis, Coriandrum sativum
13. After the destruction of forests, what type of vegetation is expected to develop?
- Xerophytes vegetation
  - Scrub vegetation
  - Grassland vegetation
  - Evergreen vegetation
14. Match List I with List II and select the correct answer:

List-I	List-II
A. Succession on rock	1. Litho sere
B. Succession on sand	2. Psammosere
C. Succession in a salt marsh	3. Halo sere

D. Succession in water

4. Hydro sere

**A B C D**

a. 2 1 3 4

b. 1 2 4 3

c. 5 3 2 1

d. 1 2 3 4

15. Which one of the following species is the nutritious fodder plant introduced by forest department?

a. *Cleome spinosa*

b. *Dodonaea viscosa*

c. *Stylosanthes hamata*

d. *Derris elliptica*

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