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**1. Angiosperms differ from gymnosperms in having**

- a) **fruits**
- b) cotyledon
- c) tracheids
- d) broad leaves

**2. If seed is defined as an ovule modified as a result of fertilization, one may expect to find seed in**

- a) all vascular plants
- b) angiosperm only
- c) gymnosperm only
- d) **phanerogams**

**3. The branch of botany that deals with the form of the plant is known as**

- a) physiology
- b) anatomy
- c) **morphology**
- d) cytology

**4. The roots which develop from any portion of the plant except the radical are known as**

- a) tap roots
- b) stilt roots
- c) fibrous roots
- d) **adventitious roots**

**5. The arrangement of leaves on branches**

**a) Phyllotaxy**

b) vernation

c) venation

d) phytotaxy

**6. Red root is another name of**

**a) beet root**

b) sugar cane root

c) potato root

d) none of the above

**7. Branches of stem are**

**a) exogenous in origin**

b) endogenous in origin

c) partially endogenous and partially exogenous

d) superficial

**8. Leaf less stem of onion which is produce to bear flowers is called**

a) peduncle

b) rachis

c) floral axis

**d) scap**

**9. Phyllode is nothing but a leaf modification meant for photosynthesis is an adaptation**

**a) xerophytic**

b) hydrophytic

c) mesophytic

d) thallophytic

**10. Thick and woody climbers are called as**

a) suckers

b) climbers

**c) lianas**

d) creepers