



Class Test - 04

Yakeen NEET 2.0 - 2026

Duration : 30 Min.

Topic : Plant Kingdom

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1. In pteridophytes, spores germinate to give rise to
  - (1) Prothallus                      (2) Protonema
  - (3) Leafy stage                      (4) Strobili
2. In *Selaginella* the embryo develops into
  - (1) Gametophyte                      (2) Sporophyte
  - (3) Archegonium                      (4) Antheridium
3. In pteridophytes, the megaspore germinates to form
  - (1) Pollen grain                      (2) Embryo
  - (3) Seed                      (4) Female gametophyte
4. The development of young embryos of pteridophytes within the female gametophytes is a precursor to the
  - (1) Aquatic habit                      (2) Autotrophic habit
  - (3) Seed habit                      (4) Parasitic habit
5. Which of the following possess vascular tissues but lacks seeds?
  - (1) Mosses                      (2) *Volvox*
  - (3) Ferns                      (4) Liverworts
6. The main plant body is differentiated into true root, stem and leaves in
  - (1) Green algae                      (2) Bryophytes
  - (3) Blue green algae                      (4) Pteridophytes
7. Evolutionarily, the first terrestrial plants to possess vascular tissues are
  - (1) Green algae                      (2) Pteridophytes
  - (3) Brown algae                      (4) Bryophytes
8. In pteridophytes, fusion of gametes takes place in
  - (1) External medium                      (2) Antheridium
  - (3) Sporangium                      (4) Archegonium
9. The artificial system of classification is based on
  - (1) One or few anatomical features
  - (2) One or few morphological features
  - (3) Many morphological features
  - (4) Many internal features
10. Classification system given by Linnaeus was based on
  - (1) Androecium structure
  - (2) Flower arrangement
  - (3) Leaf morphology
  - (4) Plant habit
11. Natural classification system proponents are
  - (1) Bentham and Hooker
  - (2) Hutchinson and Takhtajan
  - (3) Linnaeus and Aristotle
  - (4) Both (1) & (2)
12. (A) Number and codes are assigned to few of the selected characters in numerical taxonomy.  
(B) Phylogenetic classification systems are based on evolutionary relationships between the various organisms.  
(C) Cytotaxonomy is based on cytological information like chromosome number, structure & behaviour.
  - (1) A and B are incorrect
  - (2) Only C is correct
  - (3) Only A is incorrect
  - (4) B and C are incorrect
13. Each character is given equal importance and at the same time hundreds of characters can be considered in
  - (1) Cladistics                      (2) Phenetics
  - (3) Chemotaxonomy                      (4) Cytotaxonomy
14. Strobilus is found in
  - (1) *Equisetum*                      (2) *Adiantum*
  - (3) *Marsilea*                      (4) *Rhynia*
15. Spread of living pteridophytes is restricted to narrow geographical regions due to need for
  - (1) Water
  - (2) Food
  - (3) Chemicals
  - (4) More than one option is correct



**16.** True ferns are associated with

- (1) Macrophylls
- (2) Microphylls
- (3) Strobilus
- (4) Thalloid sporophyte

**17.** Select a set of heterosporous genera.

- (1) *Marsilea*, *Azolla*
- (2) *Salvinia*, *Pteridium*
- (3) *Adiantum*, *Azolla*
- (4) *Pteris*, *Lycopodium*

**18.** Select the correct match :

- (1) Psilopsida - *Dryopteris*
- (2) Lycopsida - *Selaginella*
- (3) Sphenopsida - *Pteris*
- (4) Pteropsida - *Equisetum*

**19.** Find the correct option w.r.t. pteropsida

- (1) *Selaginella*                      (2) *Equisetum*
- (3) *Dryopteris*                      (4) *Lycopodium*

**20.** \_\_\_\_\_ is used as biofertilizer :

- (1) *Azolla*                              (2) *Marsilea*
- (3) *Equisetum*                      (4) *Salvinia*



## ANSWER KEY

1. (1)
2. (2)
3. (4)
4. (3)
5. (3)
6. (4)
7. (2)
8. (4)
9. (2)
10. (1)

11. (1)
12. (3)
13. (2)
14. (1)
15. (1)
16. (1)
17. (1)
18. (2)
19. (3)
20. (1)



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