



Class Test - 03

Yakeen NEET 2.0 - 2026

Duration : 30 Min.

Topic : Plant Kingdom

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1. Given below are two statements: One is labelled as Assertion A and the other is labelled as Reason R:

Assertion A: The first stage of gametophyte in the life cycle of moss is protonema stage.

Reason R: Protonema develops directly from spores produced in capsule.

In the light of the above statements, choose the most appropriate answer from the options given below:

[MR*] (2023)

- (1) A is not correct but R is correct.
- (2) Both A and R are correct and R is the correct explanation of A.
- (3) Both A and R are correct but R is NOT the correct explanation of A.
- (4) A is correct but R is not correct.

2. Gemmae are present in: (2021)

- (1) Pteridophytes
- (2) Some Gymnosperms
- (3) Some Liverworts
- (4) Mosses

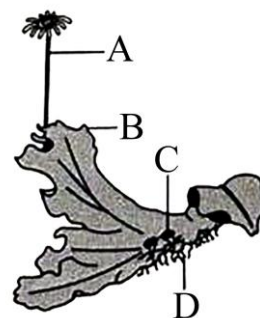
3. Which one is wrongly matched? [MR*] (2018)

- (1) Uniflagellate gametes - Polysiphonia
- (2) Biflagellate zoospores - Brown algae
- (3) Gemma cups - Marchantia
- (4) Unicellular organism - Chlorella

4. Which one of the following is common to multicellular fungi, filamentous algae and protonema of mosses? (2012 Pre)

- (1) Multiplication by fragmentation
- (2) Diplontic life cycle
- (3) Members of kingdom Plantae
- (4) Mode of Nutrition

5. Examine the figure given below and select the right option giving all the four parts (A, B, C, D) correctly identified: (2011 Mains)



	A	B	C	D
(1)	Seta	Sporophyte	Protonema	Rhizoids
(3)	Antheridio phore	Male thallus	Globule	Roots
(3)	Archegonio phore	Female thallus	Gemma cup	Rhizoids
(4)	Archegonio phore	Female thallus	Bud	Foot

6. Moss peat is used as a packing material for sending flowers and live plants to distant places because: (2006)

- (1) It serves as disinfectant
- (2) It is hygroscopic
- (3) It is easily available
- (4) It reduces transpiration

7. In a moss, the sporophyte: (2006)

- (1) Manufactures food for itself as well as for the gametophyte
- (2) Arises from a spore produced from gametophyte
- (3) Is partially parasitic on the gametophyte
- (4) Produces gametes that give rise to gametophyte.

8. Which of the following statement is true for bryophyta? [MR] (1999)

- (1) Along with water absorption roots also provide anchorment to plants
- (2) Sporophyte is dominant
- (3) Gametophyte is dominant and sporophyte is mostly parasitic
- (4) Gametophyte is parasitic



9. *Funaria* male gametes are: (1999)
- (1) Polyflagellate
 - (2) Monoflagellate
 - (3) Biflagellate
 - (4) Tetraflagellate
10. Water is essential for bryophyta: (1998)
- (1) For fertilisation and homosporous nature
 - (2) Water should be filled in archegonium for fertilisation
 - (3) Water is necessary for movement of sperm
 - (4) For dissemination of spores
11. Bryophytes can be separated from algae because they: (1997)
- (1) Possess archegonia
 - (2) Contain chloroplast
 - (3) Are thalloid forms
 - (4) Have no conducting tissue
12. Multicellular branched rhizoids and leafy gametophytes are the characteristics of: (1997)
- (1) Some bryophytes
 - (2) Pteridophytes
 - (3) All bryophytes
 - (4) Gymnosperms
13. Which of the following plant kingdom is called 'amphibians'? (1996)
- (1) Pteridophyta
 - (2) Thallophyta
 - (3) Tracheophyta
 - (4) Bryophyta
14. The plant body of moss (*Funaria*) is: (1995)
- (1) Completely sporophyte
 - (2) Predominantly gametophyte with sporophyte
 - (3) Completely gametophyte
 - (4) Predominantly sporophyte with gametophyte
15. In bryophytes: (1994)
- (1) Both generations are independent
 - (2) Gametophytes are dependent upon sporophytes
 - (3) Sporophytes complete their life cycle
 - (4) Saprophytes are dependent upon gametophytes
16. Protonema occurs in the life cycle of: (1993,1990)
- (1) *Riccia*
 - (2) *Funaria*
 - (3) *Anthoceros*
 - (4) *Spirogyra*
17. The plant group that produces spores and embryo but lacks vascular tissues and seeds is: (1992)
- (1) Pteridophyta
 - (2) Rhodophyta
 - (3) Bryophyta
 - (4) Phaeophyta
18. Bryophytes are amphibians because: (1991)
- (1) They require a layer of water for carrying out sexual reproduction
 - (2) They occur in damp places
 - (3) They are mostly aquatic
 - (4) All the above



ANSWER KEY

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

10. (3)
11. (1)
12. (1)
13. (4)
14. (2)
15. (4)
16. (2)
17. (3)
18. (1)



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