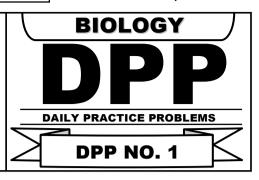


TARGET: NEET (UG) 2024

Course: SARANSH (Youtube Live CRASH COURSE)



BOTANY: PLANT KINGDOM

DPP No.: 1

 How many statements are correct about bryopl
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- (i) Biflagellate antherozoids present bryophytes
- (ii) Zygote of bryophytes do under reduction division immediately'
- (iii) Multicellular sporophytes
- (iv) The sporophytes is not free living
- (v) Sporophytes attached to the photosynthetic gametophytes

(1) i, ii and iii (2) iii, i, and v

(3) i, iii, iv, v (4) All of these

2. Seed habit was initiated in

(1) Algae (2) Bryophytes

(3) Pteridophytes (4) Gymnosperms

- 3. How many of the following terms are related with Pheophyceae
 - I. Mannitol
 - II. Chlorophyll c
 - III. Two flagellate cells in life cycle
 - IV. Algin
 - V. Pyrenoid

(1) 2 (2) 3 (3) 4 (4) 5

4. Which of the following is responsible for peat formation?

(1) Marchantia (2) Riccia

(3) Funaria (4) Sphagnum

5. Male gametes are flagellated in:

(1) Anabaena (2) Ectocarpus

(3) Spirogyra (4) Polysiphonia



Pre Medical Division: CG Tower-2, A-51(A) IPIA, Behind City Mall, Jhalawar Road, Kota (Raj.)-324005

6. Which one of the following statements is wrong? (1) Laminaria and Sargassum are used as food. (2) Algae increase the level of dissolved oxygen in the immediate environment. (3) Algin is obtained from red algae, and carrageenan from brown algae. (4) Agar-agar is obtained from Gelidium. and Gracilaria. 7. Which of the following algae contains mannitol as reserve food material? (1) Gracillaria (2) volvox (3) Ulothrix (4) Ectocarpus 8. Identify the pair of heterosporous pteridophytes among the following: (1) Selaginella and Salvinia (2) Psilotum and Salvinia (3) Equisetum and Salvinia (4) Lycopodium and Selaginella 9. Match List-II with List-II. List-I List-II (A) Pteropsida (I) Psilotum (B) Lycopsida (II) Equisetum

(C) Psilopsida (III) Adiantum (D) Sphenopsida (IV) Selaginella

Choose the correct answer from the options given below:

- (1) (A)-(II), (B)-(III), (C)-(I), (D)-(IV) (2) (A)-(I), (B)-(I), (C)-(IV), (D)-(II) (3) (A)-(II), (B)-(III), (C)-(IV), (D)-(I) (4) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
- 10. Given below are two statements: One is labelled as Assertion A and the other is labelled as Reason R:

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

Reason: 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:

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

Answer key

1. (3)(3)3. (3)(4) (2) 6. (3) 7. (4)(1) (4)10. (4)

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