



Yakeen NEET 2.0 - 2026

Plant Kingdom

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Practice Sheet - 01

1. Correct is : (Algae)
(A) thalloid autotrophs embryo present
(B) present only in soil and wood
(C) present on sloth bear
(D) not associated with fungi
 2. Correct is : (Algae)
(A) Form size is not variable
(B) ulothrix and spirogyra. : filamentous brown algae
(C) volvox -colonial red algae
(D) kelps : marine, massive
 3. Correct is : (Algae)
(A) zoospore : endogenous, non motile
(B) only fragmentation present for reproduction
(C) gametes are motile in ulothrix (anisogamous)
(D) non motile gametes in spirogyra
 4. Correct is : (Eudorina)
(A) green algae
(B) anisogamous
(C) member of chlorophyceae
(D) all are correct
 5. Correct is : (Oogamous)
(A) male gamete is always motile
(B) male gamete mostly motile
(C) female is larger and motile
(D) example: volvox and fucus
(E) both (B) & (D)
 6. Importance of Algae
A. increase oxygen level
B. chlorella : BGA, space food
C. marine forms edible like laminaria, porphyra (Brown algae)
D. primary producer of energy rich compound
E. marine green and red algae produce hydrocollud
F. Algin : red algae
 - G. Agar agar : Gracilaria, Gelidium used in ice cream and jellies, also to grow microbes in lab
- Options
- (A) 2
 - (B) 3
 - (C) 4
 - (D) 1
7. The correct statement/s is/are : (Chlorophyceae)
A. unicellular, colonial only
B. chl - a, b
C. pigment not absent in chloroplast
D. pyrenoid absent
E. pyrenoid contain protein beside starch
- Options
- (A) 2
 - (B) 3
 - (C) 1
 - (D) 4
8. Correct is : (Chlorophyceae)
(A) stored food only oil droplets not starch
(B) cell wall is single layer
(C) asexual : zoospore exogenous
(D) sexual isogamous anisogamous only
(E) all are incorrect
9. Correct is : (Pheophyceae)
(A) variation in size and forms
(B) simple branched filamentous (kelps)
(C) a, c fucoxanthin absent
(D) stored food simple carbohydrate (laminarin /mannitol)
10. Correct is : (Brown algae)
(A) body divided into two parts
(B) frond is non photosynthesis
(C) holdfast not for attachment
(D) pear shape biflagellated zoospore lateral attach flagella

11. Correct is : (Red algae)

- (A) chl a, d phycoerythrin absent
- (B) pyrenoid present
- (C) pectin, poly sulphate ester in cell wall
- (D) marine multicellular, some have complex body
- (E) stored food : Floridian starch similar to amylopectin and glycogen
- (F) all correct except (A) & (B)

12. Correct is : (Red algae)

- (A) pre fertilisation changes simple
- (B) only oogamous where male gamete is motile
- (C) asexual by motile spore
- (D) vegetative by fragmentation



Answer Key

1. (C)
2. (D)
3. (D)
4. (D)
5. (E)
6. (B)

7. (B)
8. (E)
9. (A)
10. (D)
11. (F)
12. (D)



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