



INDIAN SCHOOL AL WADI AL KABIR



Class: XI	Department: SCIENCE 2021 -22 SUBJECT: BIOLOGY	Date of submission: 07.10.2021
Worksheet 8	CHAPTER – PLANT KINGDOM	Note: A4 FILE FORMAT
NAME OF THE STUDENT	CLASS & SEC:	ROLL NO.

MULTIPLE CHOICE QUESTIONS

1. A plant that has seeds but no flowers and fruits?
 - (a) Bryophytes
 - (b) Gymnosperms
 - (c) Mosses
 - (d) Pteridophytes
2. Pteridophytes differ from mosses in
 - (a) Independent gametophyte
 - (b) Dependent gametophyte
 - (c) Flagellate antherozoids
 - (d) Independent and dominant sporophyte
3. Plants having vascular tissue without seeds
 - (a) Angiosperm
 - (b) Pteridophytes
 - (c) Bryophytes
 - (d) Gymnosperms
4. A colonial alga is
 - (a) Volvox
 - (b) Chlorella
 - (c) Ulothrix
 - (d) Spirogyra
5. Agar is commercially obtained from
 - (a) Blue-green algae
 - (b) Red algae
 - (c) Brown algae
 - (d) Green algae

6. Which one is responsible for the formation of peat?
- (a) *Riccia*
 - (b) *Sphagnum*
 - (c) *Marchantia*
 - (d) *Funaria*
7. Vascular bundles are not found in
- (a) Gymnosperms
 - (b) Pteridophytes
 - (c) Angiosperms
 - (d) Bryophytes
8. Rhodophyceae is called red algae because of the pigment
- (a) Fucoxanthin
 - (b) Phycoerythrin
 - (c) Carotenoids
 - (d) Chlorophyll c
9. Which of the following is a liverwort?
- (a) Sphagnum
 - (b) Funaria
 - (c) Marchantia
 - (d) Polytrichum
10. In gymnosperms, the development of pollen grains occurs in
- (a) Strobili
 - (b) Microsporangia
 - (c) Megasporangia
 - (d) Macrosporangia
11. Bryophytes are called amphibians of plant kingdom because
- (a) These plants live in soil and depend on marine organisms for asexual reproduction.
 - (b) These plants live in soil and depend on water for sexual reproduction.
 - (c) These plants live in water and depend on land animals for sexual reproduction.
 - (d) These plants live near water bodies.
12. An alga that can be employed as food for the human being is:
- (a) Ulothrix
 - (b) Chlorella
 - (c) Spirogyra
 - (d) Polysiphonia

13. Which one of the following statements is wrong?
- (a) Agar-agar is obtained from Gelidium and Gracilaria
 - (b) Chlorella and Spirulina are used as space food
 - (c) Mannitol is stored food in Rhodophyceae
 - (d) Algin and carrageen are products of algae
14. Select the correct statement:
- (a) Gymnosperms are both homosporous and heterosporous
 - (b) Salvinia, Ginkgo and Pinus all are gymnosperms
 - (c) Sequoia is one of the tallest trees
 - (d) The leaves of gymnosperms are not well adapted to extremes of climate
15. Zygotic meiosis is characteristic of:
- (a) Fucus
 - (b) Funaria
 - (c) Chlamydomonas
 - (d) Marchantia
16. Fusion of two motile gametes which are dissimilar in size is termed as
- (a) oogamy
 - (b) isogamy
 - (c) anisogamy
 - (d) zoogamy
17. A prothallus is
- (a) a structure in pteridophytes formed before the thallus develops
 - (b) a sporophytic free-living structure formed in pteridophytes
 - (c) a gametophyte free-living structure formed in pteridophytes
 - (d) a primitive structure formed after fertilization in Pteridophytes
18. Protonema is
- (a) haploid and is found in mosses
 - (b) diploid and is found in liverworts
 - (c) diploid and is found in pteridophytes
 - (d) haploid and is found in pteridophytes
19. Floridean starch is found in
- (a) red algae
 - (b) brown algae
 - (c) green algae
 - (d) blue-green algae
20. Which one of the following does not have flagellated male gamete?
- (a) red algae
 - (b) brown algae
 - (c) mosses
 - (d) green algae

Qn. No	Ans	Qn. No	Ans
1	b	11	b
2	d	12	b
3	b	13	c
4	a	14	c
5	b	15	c
6	b	16	c
7	d	17	c
8	b	18	a
9	c	19	a
10	b	20	a

Prepared by : Ms. Rejitha Sajith

Checked by : HOD - SCIENCE