

Shivaji University , Kolhapur
B.Sc. (Part- II (Semester –III) Examination, October-2020
BOTANY (PAPER-V) Subject. Code: 63604
(Algae, Fungi, Bryophytes & Industrial Applications)

Day and Date: October, 2020

Total Marks: 50

Time:

- Instructions: **A Attempt any 25 questions**
B Each question carries 2 marks.
C First 25 solved questions will be considered for the evaluation.
D Write the correct alternative answer in the box

1. *Sargasum* belongs to _____ group.
- a) Green algae b) Red algae
c) Brown algae d) Yellow green algae
2. Many species of _____ are epizoic
- a) *Nostoc* b) *Chara*
c) *Cladophora* d) *Chlorella*
3. _____ is the having Cap cell
- a) *Oedogonium* b) *Chara*
c) *Spirogyra* d) *Volvox*
4. The sexual reproduction in *Oedogonium* is _____
- a) Isogamous b) Anisogamous
c) Oogamous d) Special
5. The Study of algae is Called _____
- a) Mycology b) Cytology
c) Phycology d) Bryology
6. Male and Female Conceptacle are seen in _____
- a) *Ectocarpous* b) *Sargassum*
c) *Fucus* d) *Polysiphonia*
7. Female Conceptacle in the *sargassum* shows _____
- a) Antheridia b) Oogonia
c) Aplanospores d) Antheridia & Oogonia

c) Bacteria d) Pteriodophyte

17.G M Smith classified bryophytes into ____ Classes

- a) 2 b) 3
d) 4 d) 5

18.The production of _____ is one of the methods of asexual reproduction

- a) Gemmae b) Adventitious roots
c) Soredia d) Antheridium

19.----- member are called hornworts

- a) Hepaticopsida b) Bryopsida
c) Pteropsida d) Anthocerotopsida

20. *Anthoceros* thallus shows distinct colonies of _____

- a) *Nostoc* b) *Volvox*
c) *Chlorella* d) *Oscillatoria*

21. _____ is edible mushroom species.

- a) *Pleurotus sajor-caju* b) *Amanita Muscaria*
c) *Russula spp.* d) *Boletus spp.*

22. _____ is poisonous mushroom can cause death.

- a) *Pleurotus sajor-caju* b) *Amanita Muscaria*
c) *Agaricus bisporus* d) *Morchella spp.*

23. The propagating material used by mushroom grower is called _____

- a) Compost b) fertilizer c) Spawn d) crop

24. _____ species of mushroom yield yellow dye

- a) *Agaricus bisporus* b) *Amanita Muscaria*
c) *Fomes ignarius* d) *Polyporus sulphurus*

25. Mushrooms are rich in _____

- a) Protein b) Lipid
c) Carbohydrate d) Minerals

26.National Biofertilizer Development Center is located at _____

- a) Meerut b) Kanpur

c) Ghaziabad

d) Mumbai

27. Nitrogen fixing BGA bears _____

a) Homocysts

b) Heterocysts

c) Statocysts

d) Plastocysts

28. _____ species is symbiotic nitrogen fixer.

a) Rhizobium

b) Alternaria

c) TMV

d) Bacillus

29. *Azolla* also remove _____ from polluted water

a) Heavy pesticides

b) Heavy metals

c) Heavy phosphorus

d) Heavy carbon

30. Nitrogen fixing BGA bears _____

a) Homocysts

b) Heterocysts

c) Statocysts

d) Plastocysts

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