

PRN. No.	
Seat No.	Student Signature

SHIVAJI UNIVERSITY

B. Sc. Part-I (Sem-I)

Examination's March/April 2020

Subject :.....
 Subject Code :.....
 Day & Date :.....
 Time :.....

Marks Obtained	
Max. Marks	50
Examiner's Signature	

Instructions: 1. Attempt any 25 questions out of 30.
 2. Each question carries 2 marks.
 3. Write code (A, B, C or D) of correct answer in the box provided after each question.

Q.No.1. _____ of the following organism considered under lower plants.

- A) Angiosperms B) Gymnosperms
 C) Cyanophycean algae D) Pteridophytes

Q.No.2. In coraloid root of cycas, the alga from symbiotic association is _____

- A) *Volvox* B) *Nostoc*
 C) *Ulothrix* D) *Phyllosiphon*

Q.No.3. Fungi growing on animal dung are called _____ fungi

- A) saprophytic B) coprophilous
 C) symbiotic D) aquatic

Q.No.4. _____ is a aquatic (floating) Bryophyte.

- A) *Porella* B) *Anthoceros*
 C) *Funaria* D) *Riccia fluitans*

Q.No.5. _____ is unicellular and flagellated , motile alga.

- A) *Chlamydomonas* B) *Chlorella*
 C) *Chara* D) *Euglena*

Q.No.6.. In Ascomycetes, fruiting body is a flask shaped structure with opening is called _____

- A) Peritheciun B) Apothecium
 C) Cleistothecium D) Cleistothecium & Apothecium

Q.No.7. _____ is foliose lichen.

- A) *Usnea* B) *Parmelia*
 C) *Cladonia* D) *Ramalina*

- Q.No.8. The symbiotic bacterium in root nodules is _____
A) *Xanthomonas* B) *Pseudomonas*
C) *Rhizobium* D) *Chlorobium*
- Q.No.9.. _____ alga show haplontic life cycle.
A) *Sargassum* B) *Fucus*
C) *Oedogonium* D) *Ectocarpus*
- Q.No.10. _____ a marine alga is rich source in Vitamins (B& C) ,Protein & carbohydrates.
A) *Porphyra* B) *Laminaria*
C) *Chondrus* D) *Ulva*
- Q.No.11. *Spirogyra* belongs to which of the following classes.
A) Chlorophyceae B) Phaeophyceae
C) Cyanophyceae D) Rhodophyceae
- Q.No.12. Which of the following is also known as pond silk.
A) *Ulothrix* B) *Spirogyra*
C) *Nostoc* D) *Anabaena*
- Q.No.13. The ladder-like structure formed in *Spirogyra* is the result of _____
A) Asexual reproduction B) Direct conjugation
C) Lateral conjugation D) Scalariform conjugation
- Q.No.14. *Nostoc* belongs to which of the following classes.
A) Chlorophyceae B) Phaeophyceae
C) Cyanophyceae D) Rhodophyceae
- Q.No.15. _____ algae is used as a biofertilizers.
A) *Oedogonium* B) *Spirogyra*
C) *Nostoc* D) *Polysiphonia*
- Q.No.16. Majority of fungi shows _____ type of nutrition.
A) autotrophic B) heterotrophic
C) parasitic D) semi-parasitic
- Q.No.17. Cell containing many nuclei is called _____
A) Coenocytic B) Hyphae
C) Filament D) Mycelium
- Q.No.18. _____ sub division of fungi do not show sexual reproduction.
A) Ascomycotina B) Deuteromycotina
C) Zygomycotina D) Basidiomycotina
- Q.No.19 _____ shows presence of coenocytic mycelium
A) *Mucor* B) *Puccinia*
C) *Agaricus* D) *Penicillium*

Q.No.20. _____ is commonly known as Black moulds

- A) *Penicillium*
- B) *Puccinia*
- C) *Mucor*
- D) *Agaricus*

Q.No.21. A well known pigment (reddish violet) called neocercosporin is obtained from _____

- A) *Trichoderma viride*
- B) *Cercospora kikuchii*
- C) *Aspergillus niger*
- D) *Penicillium citrinum*

Q.No.22. *Cercospora* belongs to sub division _____

- A) Basidiomycotina
- B) Deuteromycotina
- C) Mastigomycotina
- D) Zygomycotina

Q.No.23. *Cercospora arachidicola* cause tikka disease on _____

- A) Groundnut
- B) Rice
- C) Coffee
- D) Brinjal

Q.No.24. which of the following is the amphibian plant kingdom

- A) Pteridophyte
- B) Bryophyte
- C) Angiosperm
- D) Gymnosperm

Q.No.25. The outline of bryophyte classification as per modifications in the terms as per ICBN rules is given by _____

- A) G. M Smith
- B) G C Ainsworth
- C) Parihar
- D) Mukharji

Q.No.26. Venter is the part of _____

- A) Archegonium
- B) Sporogonium
- C) Sporangium
- D) Antheridium

Q.No.27. Male reproductive part of bryophytes is

- A) Antheridium
- B) Oogonium
- C) Archegonium
- D) Ascogonium

Q.No.28. _____ membrer are called musci

- A) Hepaticopsida
- B) Bryopsida
- C) Anthocerotopsida
- D) Psilopsida

Q.No.29. Anatomically , thallus of *Riccia* is difffrentiated into _____ distict zone

- A) one
- B) two
- C) three
- D) four

Q.No.30. The sporophyte of *Riccia* contain _____

- A) only foot
- B) only Seta
- C) only capsule
- D) foot, seta & capsule