

Date: 20.11.2019

Time : (3 Hours)

Total Marks : 100

- N.B.**
1. All questions are compulsory.
 2. Figures to the right indicate full marks.
 3. Draw neat labelled diagrams wherever necessary.

Q 1 A Choose the most correct alternative and rewrite the sentence. 10

- a) function as perennating structure in *Nostoc*.
 - i) Zygosporangium
 - ii) Cleistothecium
 - iii) Akinetes
 - iv) Cystocarp
- b)possess leafy plant bodies.
 - i) Hepaticae
 - ii) Anthocerozoa
 - iii) Mosses
 - iv) Takkakiales
- c)is one of the deadly poisonous Mushroom.
 - i) *Agaricus*
 - ii) *Calocybe*
 - iii) *Morchella*
 - iv) *Amanita*
- d)is used for Biofuel Production.
 - i) *Ganoderma*
 - ii) *Ulva*
 - iii) *Aspergillus*
 - iv) *Gelidium*
- e) *Rhizopus* belongs to the class.....
 - i) Phycomycetes
 - ii) Mastigomycetes
 - iii) Ascomycetes
 - iv) Zygomycetes
- f)is a rich source of several bioactive compounds.
 - i) Button Mushroom
 - ii) *Ganoderma*
 - iii) *Polyporus*
 - iv) *Trichoderma*
- g) Diatoms belongs to the class.....
 - i) Bacillariophyceae
 - ii) Phaeophyceae
 - iii) Chlorophyceae
 - iv) Rhodophyceae
- h) *Riccia* shows.....type of rhizoids.
 - i) One
 - ii) Two
 - iii) Three
 - iv) Four
- i) reproduction is absent in *Nostoc*.
 - i) Vegetative
 - ii) Sexual
 - iii) Asexual
 - iv) All of the above
- j) Alginates are extracted from members of.....
 - i) Brown algae
 - ii) Red algae
 - iii) Green algae
 - iv) Blue green algae

Q 1 B Answer the following questions in one or two sentences. 10

- a) Function of Heterocyst in *Nostoc*
- b) Function of sclaes in *Riccia*.
- c) Meaning of the word- 'Moniliform'
- d) Name of the fruiting body in *Aspergillus*
- e) What are Mycorrhiza?

