

V.P. & R.P.T.P. Science College

INTERNAL TEST

B.Sc.-III<sup>rd</sup> SEMESTER

US03CBOT01-BOTANY

Date-3/10/13

Marks-30

Thursday

Time-1.00-2.30p.m.



Q-1 Multiple choice questions.

(06)

(1) Synzoospores are formed in:

- (a) Ulothrix (b) Catothrix (c) Vaucheria (d) Cutleria

(2) Iodine is obtained from:

- (a) bryophytes (b) sea weeds (c) gymnosperms (d) fungi

(3) Which of the following is used as human food?

- (a) Agaricus (b) Coprinus (c) Amanita (d) all the above

(4) Mycorrhiza is an example of:

- (a) parasitism (b) symbiosis (c) hyperparasitism (d) hypoparasitism

(5) Cup fungi are\_\_\_\_\_

- (a) Aspergillus (b) Fusarium (c) Peziza (d) Alternaria

(6) Micro and macro conidia are formed in\_\_\_\_\_

- (a) Alternaria (b) Colletotrichum (c) Fusarium (d) Peziza

Q-2 Answer the following (any three).

(06)

(1) Draw a labeled diagram of Gloeotrichia thallus.

(2) Describe-branching in Cladophora.

(3) Explain the phenomenon of diplantism.

(4) Write the vegetative structure of Pythium.

(5) Write about the conidia of Alternaria.

(6) Draw a labeled diagram of v.s. of Peziza apothecium.

Q-3 (a) What are hormogonia?

(03)

(b) Describe the cell-structure of Cladophora.

(03)

OR

Q-3 Write an essay on economic importance of algae.

(06)

Q-4 Describe the structure and asexual reproduction in albugo.

(06)

OR

Q-4 (a) Give the structure of Pernospora conidia.

(03)

(b) Write about ectomycorrhizae.

(03)



Q-5 (a) Write the vegetative structure in Alternaria.

(03)

(b) Write about the vegetative structure of Fusarium.

(03)

OR

Q-5 (a) What is Cleistothecium? Describe it with the example of Aspergillus.

(03)

(b) Describe the conidia of Colletotrichum.

(03)