

V.P. & R.P.T.P.SCIENCE COLLEGE

Internal Theory Exam

BIOLOGY-US02CBIO02

(Thallophyta, Bryophyta and Pteridophyta)

Date-15/03/17

Day-Wednesday

Marks-25

Time-1.30-2.30p.m.



Q-1 Multiple choice questions. (03)

- (i) Unilocular and plurilocular sporangia are found in _____.
- (a) Volvox (b) Zygnema (c) Ectocarpus (d) Batrachospermum
- (ii) In Yeast, the common method of vegetative reproduction is _____.
- (a) Fission (b) conidiospore (c) Budding (d) Conjugation
- (iii) The lower swollen basal part of archegonium is called as _____.
- (a) Neck (b) Capsule (c) Venter (d) none of these

Q-2 Answer the following in brief (any two). (04)

- (i) Sketch and label the Nostoc filament.
- (ii) Give the vegetative structure of Rhizopus.
- (iii) What is the function of rhizoids? Name the types of rhizoids in Riccia.

Q-3(a) Explain the thallus structure of Batrachospermum. (03)

(b) Explain plurilocular sporangium of Ectocarpus. (03)

OR

Q-3 Write a note on economic importance of algae. (06)

Q-4(a) Draw a labeled diagram of Yeast cell and discuss its uses. (03)

(b) State the medicinal value of Mushrooms. (03)

OR

Q-4(a) Write about thallus structure of Penicillium. (03)

(b) Write about external morphology of Lichen. (03)

Q-5 Draw a labeled diagram of L.S. of Funaria capsule. (06)

OR

Q-5 Draw labeled diagrams of internal structures of Riccia and Anthoceros thallus. (06)