

V.P.&R.P.T.P.SCIENCE COLLEGE
INTERNAL TEST
B.Sc.IInd SEMESTER
US02CBIO02
BIOLOGY

Date-19/03/2015
Thursday

Time- 12.30-1.30 p.m.
Marks-25

Q-1 Multiple choice questions.

(03)

- (1) Unilocular and plurilocular sporangia are found in_____.
(a) Ectocarpus (b) Zygnema (c) Volvox (d) Batrachospermum
- (2) Protein rich alga is_____.
(a) Spirulina (b) Nostoc (c) Volvox (d) Zygnema
- (3) The leaf, bearing the sporangia is called _____.
(a) Sporophyll (b) Sorus (c) Strobilus (d) Capsule

Q-2 Answer the following (any two).

(04)

- (1) Describe the cell structure of Zygnema.
- (2) Describe the structure of Volvox colony.
- (3) Write the xerophytic characters of Equisetum.
- (4) Write the structure of Fern sporangium.



Q-3 Write about: (1) Algae as food.

(04)

(2) Asexual reproduction in Ectocarpus.

(05)

OR

Q-3 Write notes on: (1) Reproduction in Nostoc.

(03)

(2) Algae as fodder and fertilizer.

(03)

(3) Cell structure of Ectocarpus.

(03)

Q-4 Describe gametophyte or prothallus of Lycopodium with diagram.

(09)

OR

Q-4 Describe prothallus of Neprolepis with diagram.

(09)

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