

Extra



V.P. & R.P.T.P.SCIENCE COLLEGE
Internal Examination-2019
BOTANY-US05CBOT01

(Algae, Bryophytes, Pteridophytes and Gymnosperms)

Date: 01/10/2019, Tuesday, Time: 11.00 a.m.-12.15p.m. Marks-25

- Q-1 Multiple Choice Questions. (05)
- (i) Algae are classified into major groups on the basis of:
- (a) types of pigments (b) nature of reserve food products
(c) vegetative characters (d) chemical composition of cell-wall
- (ii) Most economically important bryophyte among the following is:
- (a) Sphagnum (b) Riccia (c) Funaria (d) Marchantia
- (iii) Heterospory is seen in:
- (a) Equisetum (b) Isoetes (c) Lycopodium (d) Psilotum
- (iv) In gymnosperms pollination is exclusively by _____.
- (a) animals (b) wind (c) insects (d) water
- (v) Ophioglossum is found in:
- (a) xerophyte habitats (b) marine habitats
(c) terrestrial habitats (d) fresh water

Q-2 Explain: Sexual reproduction in algae. (05)

OR

Q-2 Write about: Algae as food and fodder. (05)

Q-3 Write a note on: Ecology of bryophyte. (05)

OR

Q-3 Write about: Distribution of bryophyte. (05)

Q-4 Explain: Asexual reproduction in Dryopteris. (05)

OR

Q-4 Describe: Any two elementary processes of Telome theory. (05)

Q-5 Write about: Fertilization in gymnosperms. (05)

OR

Q-5 Write the similarities of gymnosperms with angiosperms. (05)