



V.P. & R.P.T.P.SCIENCE COLLEGE
INTERNAL EXAMINATION-2019
BOTANT-US05CBOT02

(Structural, Adaptive and Reproductive Biology of Angiosperms)

Date: 03/10/2019, Thursday Time: 11.00a.m.-12.15p.m. Marks-25

Q-1 Multiple Choice Questions.

(05)

- (i) Casparian strips are found in _____.
 (a) Pericycle (b) Cortex (c) Epidermis (d) Endodermis
- (ii) A culture room can be sterilised by _____.
 (a) white light (b) green light (c) red light (d) uv-light
- (iii) Vivipary is most commonly seen in:
 (a) halophytes (b) xerophytes (c) hydrophytes (d) mesophytes
- (iv) Exine proteins of the pollen grain are synthesized in _____.
 (a) tapetum (b) endothecium
 (c) middle layer (d) pollen chamber
- (v) Presence of sunken stomata is the common features of _____.
 (a) hydrophytes (b) xerophytes (c) halophytes (d) epiphytes

Q-2 Define: Vascular cambium. Write its functions.

(05)

OR

Q-2 Describe: Cortex and root-cap.

(05)

Q-3 Write the internal structure of hydrophyte stem.

(05)

OR

Q-3 Write the internal characters of xerophyte stem.

(05)

Q-4 Write the advantages of parthenocarpy.

(05)

OR

Q-4 Give the importance of pollen-viability in fertilization.

(05)

Q-5 Describe: Pollen allergy.

(05)

OR

Q-5 Write the steps leading to fruit development.

(05)