

Course Code: 0512-1105
Level and Term: LL, TT
Time: 2 Hours

Section: 261A

Course Title: Basic Plant Science
Course Teacher Initials: SBN
Total Marks: 40

Marks

1. (a) What is the significance of embryology in plant science? [CLO2, PLO2, C1] 3
(b) Explain the process of fertilization in plants. [CLO2, PLO2, C2] 5
2. (a) Justify, why medicines derived from plants are better than synthetic pharmaceuticals? [CLO4, PLO1, C5] 3
(b) Make a list of major phytochemicals and their functions in creating health issues. [CLO4, PLO1, C6] 5
3. (a) What is mycorrhiza? [CLO1, PLO1, C1] 1
(b) Construct the internal structure of a seed and state its typical features. [CLO1, PLO1, C3] 4
(c) What do you mean by Seed dispersal? Enlist the types of seed dispersal. [CLO1, PLO1, C1] 3
4. (a) Compare the key anatomical features between root and stems. [CLO1, PLO1, C5] 4
(b) Discuss the advantage and disadvantage of cross pollination in plants. [CLO2, PLO2, C6] 4
5. (a) Define plant disease and classify Plant diseases with examples. [CLO5, PLO1, C4] 4
(b) Apply your knowledge on controlling measures of plant diseases. [CLO5, PLO1, C3] 4