

(SPL) BOTANY

SEM-1-GE (2015-18)

15

FM-~~05~~

Answer any two Questions. ~~Answer any two~~

1. Draw a well labelled diagram of Bacterial Cell.
2. Describe the structure of Nostoc.
3. Describe the structure of Uredial stage of Puccinia.
4. Draw a well labelled diagram of the V.S of marchantia (Description not required).

Answer any two questions.

1. Give the hydrophytic characters of any hydrophyte.
2. Give an account of food chain in an ecosystem.
3. Describe the floral characters of Apocynaceae. Also give floral formula.
4. Give the merits and demerits of Bentham and Hooker System of classification of flowering plants.

Answer any two Questions

1. What is a Tissue? Describe the characters of cell of Meristematic Tissue.

2. Draw a well labelled diagram of an OVULE. (Description not needed)

3. Give a brief account of double fertilization.

4. Give the botanical name, family and economic importance of wheat.

Answer any two questions.

1. What is Transpiration? Describe the significance of Transpiration.

2. Give an account of Glycolysis.

3. With the help of suitable diagram. Describe the metaphase stage of Mitosis.

4. Law of Dominance! Explain