

SAGAR MAHAVIDYALAYA
INTERNAL EVALUATION-2020

B.Sc. General (1+1+1 System)

SUBJECT-BOTANY

Paper: II

Time: 1.00pm- 3.00pm Full Marks: 50

I. Give answer of six questions: $6 \times 5 = 30$

1. Describe type of stomata, proposed by Metcalfe & Chalk.
2. Describe the properties of Genetic code.
3. Write a short note on Primary protein structure.
4. Write a short note on xylem cavitation.
5. Describe mechanism of stomatal opening & closing movement.
6. Write a short note on Vernalization.
7. Write a short note on Senescence.
8. Write a short note on Ecotype & Microclimate
9. Describe type of Biodiversity.

II. Give answer of two questions: $2 \times 10 = 20$

1. What is light reaction? Describe pathway of Electron Transport System[z-scheme] photosystem in photosynthesis.
2. What is In-Situ conservation & Ex-situ conservation? Describe briefly of phytoremediation.
3. What is glycolysis? Describe pathway of Glycolysis in respiration.
4. What is central dogma. Describe the structure of DNA, proposed by Watson & Crick.