

B. S.C PROGRAM 4<sup>TH</sup> SEMESTER EXAMINATION 2020

SUKANTA MAHAVIDYALAYA

BOTANY PRACTICAL

GE PAPER 4 (PLANT PHYSIOLOGY AND METABOLISM )

TIME 2 HOURS

FULL MARKS 20

1. How to compare the rate of the respiration in any two parts of a plant. 5 marks
2. Describe the activity of catalase and study the effect of PH and enzyme concentration. 5 marks
3. describe how to calculate stomatal index of a leaf giving requirements and procedure . 5 marks
4. Laboratory note book. 5marks

B. S.C PROGRAM 2<sup>nd</sup> SEMESTER EXAMINATION 2020

SUKANTA MAHAVIDYALAYA

BOTANY PRACTICAL

GE PAPER 2 (PLAN ECOLOGY AND TAXOLOMY )

TIME 2 HOURS

FULL MARKS 20

1. Workout the specimen with proper drawing and labeling .Identify the family mentioning its diagnostic characters and give the floral formula and floral diagram. 5 marks



2. Describe the procedure for determining the minimal quadrat size for the study of herbaceous vegetation in your locality by species area curve method . 5 marks

3. Right down the morphological adaptation of hydrophyte and xerophyte . 5 marks

4. Laboratory note book. (upload). 5 marks