

B.Sc. Sem-V
Practical Examination 2021-22
BOTA
Paper: CC-12

F.M.- 30

Time: 1h 30 mins

Answer the following questions:

(3x10=30)

1. a) Differentiate between reducing and non-reducing sugar. (2)
b) Write the Fehling test of sucrose solution before and after hydrolysis. (3+3)
c) What is Folin phenol reagent? (2)
2. a) How you can confirm the presence of tartaric acid in a sample supplied to you. (5)
b) Write down the concept of Estimation of catalase activity in plant sample. (5)
3. a) Comment on the following biochemical tests:
 - i) Barfoed's test.
 - ii) Silver Mirror test.
 - iii) Cobalt chloride test. (3x3)b) What is Normal solution? (1)