

**B.Sc. Sem-V**  
**Practical Examination 2020-21**  
**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) Write about the inference of Molisch's test. (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) Saliwanoff test.
  - iii) Cobalt chloride test. (3x3)b) What is Molar solution? (1)