

3. Viva Voce. 2
4. Marks to be awarded on the basis of regularity of laboratory note book. 2
5. Marks to be awarded on inspection of the attendance registrar. 5

TDC (CBCS) Odd Semester Practical Exam., 2023

CHEMISTRY

(1st Semester)

Course No: CHMHCC-104L

(Practical)

Full Marks: 30

Pass Marks : 12

Time: 12 hours

The figures in the margin indicate full marks for the questions.

Instruction to Examiners

For Q.1 allot any one from the following two experiments - 10

1. (a) Determination the transition temperature of the given substance by thermometric method.
(e.g., MgSO_4 / MnCl_2 / Na_2SO_4 / $10\text{H}_2\text{O}$)
- (b) Determine the surface tension of glycerol/acetic acid / aniline solutin at different concentration and construction of graph.

For Q.2 allot any one from the following two experiments - 11

2. (a) Preparation of sodium acetate-acetic acid buffer solution of different pH.
- (b) Preparation of Ammonium-chloride ammonium hydrochloride buffer solution of different pH.
- (c) pH metric titration of strong acid / strong base.
- (d) pH metric titration of weak acid / strong base.