

**B.Sc. First Semester Examination (ESE)-2024**

**(CCFUP : NEP)**

**[3 Years UG Programme]**

**CHEMISTRY**

**PAPER: UG/I/CHEM/3/SE-IP**

**[Basic Chemistry - I]**

**Full Marks: 25**

**Time: 03Hrs**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers  
in their own words as far as practicable.*

1. **Perform any one of the following allotted experiments** 20
    - a. Prepare 100 ml high quality hand wash with pH=6-7.
    - b. Prepare 100 ml high quality liquid detergent with pH=8-9.
    - c. Prepare 100 ml high quality dish wash with pH=6.5-7.5[Write ingredients, composition and short making process in record book]
  2. Viva-voce 3
  3. Laboratory Note book 2
-