

U.G. 3rd Semester Examination-2021
CHEMISTRY
[GENERIC ELECTIVE PRACTICAL]
Course Code: CHEM-H-GE-P-01

Full Marks: 20

Time: 2 Hours

The figures in the right-hand margin indicate marks.

Answer any **ten** questions:

[2 x 10 =20]

1. Give two examples of primary standard substances.
2. What is secondary standard solution? Give an example.
3. Calculate equivalent weight of Oxalic acid.
4. Write the formula of Mohr's salt.
5. What do you mean by auto-indicator? Give an example.
6. Name two indicators used in acid base titration.
7. How is Nitrogen detected in an organic sample?
8. Write the test for carbonyl group.
9. Why low temperature is required in azo dye test?
10. What is Mulliken Barker test?
11. Write a confirmatory test for oxalic acid.
12. Which gas is evolved when carboxylic acid is treated with Sodium Bicarbonate solution?
13. Write the colour and odour of resorcinol.
14. Is glucose soluble in water? How does it react to litmus?