



KAKINADA SRI ADITYA DEGREE COLLEGE

(AFFILIATED TO DR.B.R.AMBEDKAR UNIVERSITY)

B.SC(CHEM) IV- SEMESTER,-MID-1 EXAMINATIONS FEB -2025

DATE: 14.02.2025

Time: 3 Hrs

SUBJECT: GENERAL & PHYSICAL CHEMISTRY

Max Marks:50M

I. Answer all of the following:

3 X 10 M= 30M

1. Explain the molecular representation
2. Explain the pH scale and buffer solutions
3. Explain the optical rotation and specific rotation

II. Answer ALL of the following:

4 X 5 M= 20M

4. Explain the selection indicators
5. Explain the elements of symmetry
6. Explain the common effect common ion effect
7. Explain the indicator theories



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