

GOVERNMENT GENERAL DEGREE COLLEGE, CHAPRA

U.G. INTERNAL ASSESSMENT (2022-23)

SEMESTER-VI

SUBJECT- B. Sc. CHEMISTRY (CHEMGTDSE-2)

FULL MARKS – 15

Time: 1 Hour

A. Answer any seven questions from the following: [7x2=14]

1. Write a short note on Claisen condensation. 2
2. What is ninhydrin reaction? 2
3. Covert phthalimide to methyl amine. 2
4. How will you prepare benzene from aniline? 2
5. Write the reduction of nitro benzene in acidic and neutral medium. 2
6. What do you mean by zwitterions and isoelectric point. 2
7. What happens when glucose is treated with excess of phenyl hydrazine. 2
8. Give the preparation of nylon-66. 2
9. How do you prepare methyl orange? 2

B. Answer any one question from the following: [1x1=1]

1. Define mutarotation. 1
2. Write the application of metronidazole and phenobarbital. 1