

GOVERNMENT GENERAL DEGREE COLLEGE, CHAPRA

U.G. INTERNAL ASSESSMENT (2019-20)

SEMESTER-III

SUBJECT- CHEMISTRY (CHEMGT-3)

FULL MARKS – 15

Time: 1 H

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

1. What do you mean by extensive and intensive variables? Give example. 2
2. State first law of thermodynamics? Give its mathematical form. 2
3. What do you mean by Buffer solution? Give one example of acidic and basic buffer solution. 2
4. What is entropy? Write its unit. 2
5. Write a short note on Friedel-Crafts reaction. 2
6. How do you convert methyl chloride to ethanol? 2
7. What is pinacol-pinacolone rearrangement? 2
8. How phenol is converted to salicylaldehyde? Give chemical reaction. 2

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

1. What is isolated system? Give example. 1
2. What happens when acetone is treated with iodine and sodium hydroxide? Give example. 1