

GOVERNMENT GENERAL DEGREE COLLEGE, CHAPRA

U.G. INTERNAL ASSESSMENT (2021-22)

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 open system and closed system? Give example. 2
2. State Second law of thermodynamics? 2
3. What do you mean by ionization constant and ionic product of water;. 2
4. What is entropy? Write its unit. 2
5. Write a short note on Cannizzaro reaction. 2
6. How do you convert methyl chloride to ethanoic acid? 2
7. What is Fries 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 enthalpy of formation. 1
2. What happens when acetone is treated with iodine and sodium hydroxide? Give example.1