

GURUDAS COLLEGE  
DEPARTMENT OF BIOCHEMISTRY  
UG INTERMEDIATE EXAMINATION, 2020  
B.SC BIOCHEMISTRY HONS. SEMESTER II

PAPER Core Course 3-P General Physical Chemistry (Semester 2) BCM-A-CC-2-3-P

TIME 30 mins

FULL MARKS 15

1. Write down the principle of Estimation of strength of amino acid by formol titration. (10)
2. What is common ion effect? Discuss it with an example. (2)
3. Calculate the pH of  $10^{-4}$  molar  $H_2SO_4$  (2)
4. Give the image of the last page of Estimation of strength of amino acid by formol titration from your Laboratory note book. (1)