

Physiology [Honours]**[CBCS]****B.Sc. Fifth Semester End Examination-2023****(Regular & Supplementary Paper)****PAPER-DSE2P****Practical****Full Marks: 20****Time: 02 Hrs***The figures in the right hand margin indicate marks**Candidates are required to give their answers in their own words as far as practicable**Illustrate the answers wherever necessary***Application of Instrument in Study of Physiology**

1. Negative stain the provided bacterial sample and focus under the light microscope. Write the principle and procedure of the method.

[Principle-2, Procedure-3, Focusing-2, Result-1] 8

2. Identify the unknown amino acid (X) by thin layer chromatography. Write the principle and procedure of the method. Interpret your result.

[Principle-2, Procedure-3, Result-1, Interpretation-1] 7

3. Laboratory Note-book. 2

4. Viva-voce 3