

**First Year B.Sc Dialysis Technology Degree Supplementary
Examinations June 2025****Basics of Pathology****Time: 3 Hours****Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay**(20)**

1. Describe the physical examination of urine. Describe the chemical test for sugar in urine. Mention the commonly used preservatives of urine. (8+8+4)

Short Notes**(10x8=80)**

2. Hematoxylin and Eosin staining
3. Methods of hemoglobin estimation
4. Decalcification of tissue
5. Occult blood in feaces
6. Cross matching
7. Section cutting in histopathology
8. Packed cell volume
9. Classification of fixatives
10. Prothrombin time
11. Embedding of tissue
