

**First Year B.Sc Dialysis Technology Regular/Supplementary  
Examinations February 2023**

**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. Define Fixatives. What are their uses. Classify fixatives used in histopathology with examples. Describe the advantages and disadvantages of formalin.

**Short Notes**

**(10x8=80)**

2. Cross Matching
3. Heparin as anticoagulant
4. Collection of blood samples
5. Examination of body fluids
6. Erythrocyte sedimentation rate
7. Benedict's Test
8. Collection and preservation of urine sample.
9. Steps in tissue processing.
10. Concentration techniques in stool examination.
11. Urine microscopy

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