

Q.P. CODE: 114016

Reg. No: .....

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary  
Examinations February 2025**

**Pathology**

**(2016 Scheme)**

**Time: 3 Hrs**

**Max. Marks:80**

- **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**

**Essays:**

**(2x10=20)**

1. Describe the steps in processing. Mention the reagents used and discuss the advantages and disadvantages of commonly used reagents for processing. (2+3+5)
2. Mention the anticoagulants used for blood collection. Describe the mechanism of their action and uses. (3+4+3)

**Short notes:**

**(6x5=30)**

3. Organized Sediments in urine
4. Methods to detect end point of decalcification
5. Cleaning of glass wares
6. Normal hemostatic mechanism
7. Factors affecting ESR estimation
8. Transfusion transmitted diseases

**Answer briefly:**

**(10x3=30)**

9. Resin embedding
10. Differentiation
11. Benzidine test
12. Indications for Sputum smear examination
13. CSF findings in Tuberculous meningitis
14. Fluorescent microscope
15. Rotary microtome
16. Activated partial thromboplastin time
17. Formed elements of blood
18. Disposal of sharps

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