

**Q.P. CODE: 114016**

**Reg. No: .....**

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary  
Examinations January 2021**

**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. Mention the different types of anticoagulants and their uses. Write briefly on EDTA. (2+3+5)
2. Describe the different methods of hemoglobin estimation. Discuss the merits and demerits of two commonly used methods. (5+5)

**Short notes:**

**(6x5=30)**

3. Fixatives used in histopathology
4. Sharpening of microtome knives
5. Mountants
6. Crystals found in normal and abnormal urine
7. Mechanism of normal hemostasis
8. Methods for estimating packed cell volume

**Answer briefly:**

**(10x3=30)**

9. Anemia
10. CSF findings in bacterial meningitis
11. Major cross matching
12. Ova in stool
13. Haematoxylin
14. Urine preservatives
15. INR
16. Components of universal work precaution
17. Exudates and transudates
18. Bombay blood group

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