

Q.P. CODE: 114016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations August 2024**

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. Discuss the fixatives used in histopathology with their modes of action. (5+5)
2. Chemical examination of urine. Write a note on casts in urine. (5+5)

Short notes:

(6x5=30)

3. Decalcification of tissues
4. Anticoagulants in haematology
5. Cross matching
6. Sputum examination
7. Components of normal haemostasis
8. Grossing techniques

Answer briefly:

(10x3=30)

9. Packed Cell Volume
10. Causes of eosinophilia
11. Parts of a light microscope
12. Iron deficiency anemia
13. Methods of collection of blood sample
14. Steps in tissue processing
15. Sahli's haemoglobinometer
16. Universal donor
17. Blood components for transfusion
18. Parasites seen in blood
