

Q.P. CODE: 104016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations, February 2017**

Pathology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Enumerate the various types of urinary sediments and describe the various crystals seen (with diagrams). (4+6)
2. Describe the normal constituents of blood and its use as separate blood components for transfusions. (4+6)

Short notes:

(6×5=30)

3. ESR
4. Casts in urine
5. Cytological fixatives
6. Indirect Coomb's test
7. Methods for detection of proteins in urine
8. Parasites seen in blood

Answer briefly:

(10×3=30)

9. Plasma proteins
10. pH of urine
11. Universal donor
12. RBC pipette
13. Osmotic fragility
14. Parasites seen in stool
15. Types of microtomes
16. Thrombin time
17. Reticulocyte
18. Use of anticoagulants in blood sampling
