

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations April 2018**

Pathology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2x10=20)

1. Define ESR. Describe the different methods for ESR estimation. List the factors affecting ESR (2+4+4)
2. Describe briefly the microscopic examination of urine. What are the sediments seen in acidic urine. (Draw diagrams.) (5+5)

Short notes:

(6x5=30)

3. Vacutainer.
4. Test for glucose in urine.
5. Bombay blood group.
6. Fixatives in histopathology
7. Differential leukocyte count.
8. Haematocrit

Answer briefly:

(10x3=30)

9. Preservatives of urine.
10. Decalcification.
11. Clotting time
12. Cross matching.
13. CSF analysis.
14. Sahlis hemoglobinometry
15. Investigations done on feces.
16. EDTA.
17. Lenses of a microscope
18. Bence – Jones's protein