

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations February 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. Biomedical waste management.
2. Discuss the normal constituents of blood and their function.

(5+5)

Short notes:

(6x5=30)

3. Procedure for H&E staining of tissue
4. Steps in Microtomy
5. Methods for detection of glucose in urine
6. Anticoagulants used in haematology.
7. PT and aPTT
8. Microscopic examination of stool

Answer briefly:

(10x3=30)

9. ESR
10. Principle of blood grouping
11. Hb pipette
12. Vacutainer
13. Types of microscope objectives
14. Crystals in urine
15. Different blood group systems
16. Collection and preservation of CSF
17. Cross matching.
18. decalcification of tissue.
