

Q.P. CODE: 114016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations February 2022**

**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. Describe the various laboratory safety guidelines and their implementation. (5+5)
2. Describe the blood group systems. Usefulness of blood group systems. What is the principle of cross matching. (4+3+3)

Short notes:

(6x5=30)

3. Methods for detection of proteins in urine
4. Parasites seen in blood
5. Tissue fixatives
6. SI units in hospital laboratory.
7. Sputum examination
8. Crystals in urine

Answer briefly:

(10x3=30)

9. Bombay blood group
10. Clotting time
11. Types of microtome knives
12. Types of microscope objectives
13. Causes of neutrophilia
14. Universal recipient
15. WBC pipette
16. Double oxalate mixture
17. Ova seen in stools
18. ESR
