

Q.P. CODE: 114016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations March 2019**

**Pathology
(2016 Scheme)**

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2x10=20)

1. Enumerate the various types of fixatives used in surgical pathology. Discuss their advantages and disadvantages. (4+6)
2. Describe the normal constituents of blood and its use as separate blood components for transfusions. (4+6)

Short notes:

(6x5=30)

3. Prothrombin time
4. ESR
5. Casts in urine
6. Bacterial meningitis
7. Indirect Coomb's test
8. Vacutainer tubes

Answer briefly:

(10x3=30)

9. Platelet count
10. Reticulocyte count
11. Parasites seen in blood
12. Bence Jones protein
13. pH of urine
14. Universal donor
15. RBC pipette
16. Osmotic fragility test
17. Ova seen in stools
18. Types of microtomes
