

[LJ 0816]

AUGUST 2016

Sub. Code: 5031

**B.Sc. MEDICAL LABORATORY TECHNOLOGY
THIRD YEAR
PAPER I – COAGULATION AND TRANSFUSION MEDICINE**

Q.P. Code: 725031

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Describe the screening and specific test used in the diagnosis of bleeding disorder.
2. Discuss in detail about preservation, storage and transportation of blood component.
3. Write in detail about red cell compatibility testing.

II. Write notes on: **(8 x 5 = 40)**

1. Hemophilia A.
2. VDRL.
3. Quality assurance in coagulation Lab.
4. Antiglobulin test.
5. Intrauterine transfusion.
6. Blood donor selection criteria.
7. Thrombophilia.
8. HLA in transplantation.

III. Short answers on: **(10 x 3 = 30)**

1. Weak D.
2. Bombay blood group.
3. Cryoprecipitate.
4. Fibrin Degradation products (FDP).
5. TRALI.
6. Hepatitis B virus.
7. Heamoglobin-based red cell substitutes.
8. Quality control of ABO reagent.
9. Pre operative heamodilution.
10. Blood donor motivation.
