

[LM 0218]

FEBRUARY 2018

Sub. Code: 5031

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

Q.P. Code: 725031

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. What are blood components? How they are stored? What are their uses?
2. Elaborate on human leukocyte antigen (HLA) and its usefulness.
3. Elaborate on Thrombophilia.

II. Write notes on:

(8 x 5 = 40)

1. Cross matching of blood.
2. Bombay blood groups.
3. Coombs' test.
4. Disseminated intravascular coagulation.
5. Blood donor selection.
6. Transfusion transmitted diseases.
7. Write a note on storage of blood.
8. Platelets storage and its purpose.

III. Short answers on:

(10 x 3 = 30)

1. Fresh frozen plasma.
2. Fibrinolysis.
3. Activated partial thromboplastin time (APTT).
4. Agglutination.
5. Cryoprecipitate.
6. Platelet function tests.
7. Buffy coat.
8. Platelet rich plasma (PRP).
9. Donor reactions.
10. Donor referral.
