

(LR 065)

NOVEMBER 2020
(AUGUST 2020 SESSION)

Sub. Code: 1402

D.M. – CLINICAL HAEMATOLOGY

Paper II – LABORATORY HAEMATOLOGY

Q.P. Code: 161402

Time: Three Hours
Marks

Maximum: 100

I. Elaborate on:

(2 x 15 = 30)

1. Describe the processes involved in a polymerase chain reaction. Describe the utility of using PCR technology in the diagnosis and prognostication of hematological disorders.
2. A 28 – year – old male presents with history of a deep venous thrombosis involving the left leg. He gives a history of having abdominal thrombosis 5 years back. Describe the diagnostic, prognostic and therapeutic management of this patient.

II. Write notes on:

(10 x 7 = 70)

1. Cytochrome P 450 enzymes
2. Romanowsky stains
3. Del 5 q in MDS and AML
4. Diagnosis of Mangle cell lymphoma
5. Thromboelastogram
6. Role of PET CT in lymphomas
7. Platelet crossmatching
8. Prognostic markers in CLL
9. Galactomannan antigen testing
10. Disgnosis of Hairy cell leukemia
