

[LO 0519]

MAY 2019

Sub. Code: 1263

**M.Sc. MEDICAL LABORATORY TECHNOLOGY EXAMS
SECOND YEAR
PAPER III – ADVANCE HAEMATOLOGY & IMMUNO HAEMATOLOGY**

Q.P. Code: 281263

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail, about peripheral smear preparation, staining and its interpretation.
2. Explain in detail, types of donors, donor selection and post donation management of donors.

II. Write notes on:

(10 x 6 = 60)

1. Reticulocyte count.
2. Bleeding Time.
3. Principle and clinical significance of Ketone bodies testing in urine.
4. Significance of fibrinogen and D-dimer testing.
5. Chronic Myeloid Leukemia.
6. Autologous Transfusion.
7. Define Apheresis. Indication and method of Apheresis.
8. Types and advantages of blood bags.
9. Basic principle involved in automated cell counter.
10. Microscopic examination of stool.
