PGDMLT-2005: PRACTICALS BASED ON PAPER PGDMLT-2001

(Haematology)

Semester: II	
Course (subject) Code	PGDMLT-2005
Subject Title	Practicals Based on Paper PGDMLT-2001 (Haematology)
Subject Outcome	At the end of the course, the students will able to • Know the proper technique for blood collection • Manual techniques for Blood counts • Basic haematological tests used in clinical laboratory • Some screening tests for hematological disorders

Course content:

1. Venous Blood Collection
2. Haemoglobin estimation: Sahli's method and Cyanmethemoglobin method
3. Total R.B.C. Count
4. Total W.B.C. Count.
5. Platelet Count.
6. Differential Count.
7. Reticulocyte Count
8. Determination of E.S.R. (Westergren / Wintrobe method)
9. Determination of Haematocrit (Packed cell volume)
10. Determination of BT, CT and PT
11. NESTROF test
12. Sickling test- Slide Test
13. G_6PD Deficiency Test

Reference Books:

Sr. No.	Title/Edition	Authors	Publisher
1	Textbook of MLT/ 3rd	Godkar P. B.	Bhalani Publications.
2	Clinical Pathology, Haematology and Blood Banking (For DMLT students)/ 4th	Nanda Maheshwari	Jaypee