 LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

**M.Sc.** DEGREE EXAMINATION - **MEDICAL LAB. TECHNOLOGY**

FIRST SEMESTER – **NOVEMBER 2012**

# ML 1814 - HAEMATOLOGY

Date : 09/11/2012 Dept. No. Max. : 100 Marks

Time : 1:00 - 4:00

**Part A**

**Answer *All* the questions: 10 × 2 = 20**

1. Define haemophilia.
2. Expand EDTA and DIC.
3. Comment on vacutainer.
4. What is butterfly needle?
5. Differentiate BT from CT.
6. What is fibrinolysis?
7. Enumerate sites for blood collection.
8. What is erythrocyte sedimentation rate?
9. Differentiate hypochromic from hyperchromic cells.
10. What is phelebotomy?

**Part B**

### Answer any *four* questions: 4 × 10 = 40

1. Describe thrombocyte count.
2. **Write notes on red cell indices.**
3. Describe estimation of microhematocrit.
4. Give an account on erythrocyte count.
5. **Write notes on haemostasis.**
6. Elaborate Lupus erythromatus cell preparation.

**Part C**

**Answer any *two* questions : 2 × 20 = 40**

1. Explain various components of blood.
2. Give an account on the types of anaemia.
3. Write an essay on the haemoglobin.
4. iscuss the importance of quality control.