

[LB 0212]

AUGUST 2012

Sub. Code: 5018

B.Sc. MEDICAL LABORATORY TECHNOLOGY

SECOND YEAR

PAPER III – CLINICAL PATHOLOGY AND BASIC HAEMATOLOGY

Q.P. Code : 725018

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

1. Urine examination in health and disease.	7	20	10
2. Quality assurance in lab practice.	7	20	10
3. Classify and approach to diagnosis of anaemia.	7	20	10

II. Write Notes on:

1. Romanowsky stains.	4	10	5
2. Collection and preservation of urine.	4	10	5
3. Examination of cerebrospinal fluid.	4	10	5
4. LE cell preparation.	4	10	5
5. Differences between transudate and exudates.	4	10	5
6. Hemoglobin estimation.	4	10	5
7. Osmotic fragility test.	4	10	5
8. Automation in haematology.	4	10	5

III. Short Answers on:

1. Absolute eosinophil count.	2	4	3
2. Recognition of blood parasites.	2	4	3
3. Peroxides stain.	2	4	3
4. Crystals in urine.	2	4	3
5. Stool occult blood test.	2	4	3
6. Indications for semen analysis.	2	4	3
7. Thick and thin blood smears.	2	4	3
8. Supravital staining.	2	4	3
9. Techniques in molecular diagnostics.	2	4	3
10. Non neoplastic disorders of WBC.	2	4	3
