

QP CODE: 205012

Reg No:.....

Second Year B.Sc MLT Degree Examinations, October 2014

HAEMATOLOGY-II AND CLINICAL PATHOLOGY

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Define and classify anemia. Discuss the lab diagnosis of iron deficiency anemia.
(1+4+5=10)
2. What is HCG. Mention the clinical applications of HCG estimation. Discuss different types of pregnancy tests.
(2+2+6=10)

Short notes

(10x5=50)

3. Classification of AML
4. Microscopic examination of urine
5. Lab diagnosis of multiple myeloma
6. Cytochemical stains in leukemia
7. Automation in haematology
8. Morphology of malarial parasite in blood smear
9. Infectious mononucleosis
10. Hb electrophoresis
11. Functional platelet disorders
12. Semen analysis

Answer briefly

(10x3=30)

13. Auer rods
14. Fibrin degradation products
15. Bleeding time
16. Chronic lymphatic leukemia
17. Examination of ascitic fluid
18. Difference between haematuria and hemoglobinuria
19. Bone marrow transplantation
20. Leucopenia
21. Ehrlich test
22. Basophilia
