

Second Year B.Sc MLT Degree Supplementary Examinations April 2018

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 chronic leukemias. Describe the peripheral smear and bone marrow findings in chronic myeloid leukemia. (2+3+5)
2. Define and classify hemolytic anemias. Describe the lab diagnosis of hemolytic anaemias. Draw the blood picture in any one type. (1+2+4+3)

Short notes

(10x5=50)

3. Sickling test
4. Chronic lymphatic leukemia
5. Buffy coat smear
6. Crystals in urine
7. Bence Jones protein
8. haemoglobin electrophoresis
9. TTest for ketone bodies in urine.
10. Enumerate the types of malarial parasites seen in blood. Draw and label any one type.
11. Pancytopenia
12. Myeloperoxidase staining (MPO)

Answer briefly

(10x3=30)

13. Different types of microfilaria in blood
14. PCV
15. Enumerate the tests for coagulation
16. Nucleated red cells in blood smears
17. RBC anisocytosis
18. Specific gravity of urine
19. Hb F
20. Howell Jolly body
21. Test for bile pigments in urine
22. Vacutainer tubes.
