

QP CODE: 205012

Reg No:.....

**Second Year B.Sc MLT Degree Supplementary Examinations,
February 2017**

HAEMATOLOGY-II AND CLINICAL PATHOLOGY

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Define thrombocytopenia. Enumerate the causes of thrombocytopenia. Describe the peripheral smear and bone marrow findings in idiopathic thrombocytopenic purpura
(2+3+2+3)
2. Define anemias. Describe the lab diagnosis, blood and bone marrow findings in megaloblastic anemia
(1+3+3+3)

Short notes

(10x5=50)

3. Indirect Coomb's test
4. Acute myeloid leukemia
5. Stool concentration methods.
6. Red cell indices
7. Urine sediment examination
8. Haemoglobinopathies
9. Pigments in urine
10. Enumerate the types and stages of malarial parasites seen in blood
11. Thrombocytosis
12. Peroxidase staining

Answer briefly

(10x3=30)

13. Perl's staining
14. PCV
15. Eosinophilia
16. Relative lymphocytosis
17. Amminoaciduria
18. Preservatives of urine
19. Hb F
20. Punctate basophilia
21. Test for ketone bodies in urine
22. Poikilocytosis
