



Time: Three Hours

Max. Marks: 100 Marks

**Pathology-Paper -I**  
**(RS2 & RS3 SCHEME)**  
**QP Code: 1081**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Classify hemolytic anemias. Discuss the laboratory diagnosis of Thalassemias.
2. Compare with the help of suitable diagrams wound healing by primary and secondary intention. Discuss the factors promoting and delaying the process.

**SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Gangrene
4. Pathological Calcification
5. Opportunistic infections in AIDS
6. Classify Leprosy. Compare the major types of leprosy
7. Chronic venous congestion-liver, lung
8. Define edema. Mention the types and write the pathogenesis in brief.
9. Chemical carcinogenesis
10. List the Causes of thrombocytopenia. Discuss Idiopathic Thrombocytopenic Purpura.
11. Tabulate the differences between Myeloblast and Lymphoblast.
12. Vascular events in acute inflammation

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. LE cell
14. ESR (Erythrocyte Sedimentation Rate)
15. Blood grouping
16. Enumerate the important liver function tests.
17. Klinefelter's Syndrome
18. CSF findings in tubercular meningitis.
19. Causes of proteinuria. Name the methods of detection.
20. Indications for bone marrow biopsy
21. What are Romanowsky stains. Give examples
22. Sample collection and preservatives used for urine examination