

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. Define and classify anemias, discuss the causes and lab diagnosis of iron deficiency anemia. (1+4+2.5+2.5)
2. Describe in detail formation of thrombus. What are fates a thrombus can undergo? (6+4).

SHORT ESSAYS

10 x 5 = 50 Marks

3. Define necrosis. Mention and define types of necrosis giving examples.
4. Explain briefly the role of tumor suppressor genes in oncogenesis.
5. Primary tuberculosis
6. Clinical criteria and laboratory diagnosis of SLE (Systemic Lupus Erythematosus)
7. Hemophilia.
8. Laboratory diagnosis of multiple myeloma
9. Turner's syndrome
10. Exogenous and endogenous pigments
11. Chemical mediators of inflammation
12. Tumor markers

SHORT ANSWERS

10 x 3 = 30 Marks

13. CSF findings in pyogenic meningitis
14. List causes of glucosuria. Name the methods for its detection
15. Enumerate transfusion reactions
16. Semen analysis in a case of suspected infertility
17. RBC indices
18. Causes of dry tap in bone marrow aspiration
19. Causes of eosinophilia
20. Physical examination of urine
21. Leukemoid reaction
22. Role of FNAC in pathology diagnosis.