

Second Year B.Sc MRT Degree Regular/Supplementary Examinations
April 2025

Pathology

Time: 3 Hours

Total Marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*

Essays: **(3x10=30)**

1. Define Neoplasm. Describe the differences between benign and malignant tumours.
2. Mention the Classification of Acute Leukemia. Describe the laboratory investigations for diagnosis of acute leukemia.
3. Enumerate the malignant tumours of thyroid. Describe the gross and microscopy of any one of them.

Short notes: **(8x5=40)**

4. Chemical mediators of inflammation
5. Down's Syndrome
6. Cardiac Odema
7. Laboratory diagnosis of Iron deficiency anemia
8. Opportunistic Infections in AIDS
9. Haemophilia
10. Inflammatory bowel disease
11. Teratoma Ovary

Answer briefly: **(10x3=30)**

12. Osteomyelitis
13. Nephrotic syndrome
14. Laboratory investigations in Myocardial Infarction
15. Tuberculoid Leprosy
16. Rhinosporidiosis
17. Fate of Thrombus
18. Gall Stones
19. Carcinogenic Viruses
20. Types of Necrosis
21. Malignant Melanoma