

**First Year B.Sc Medical Imaging Technology Degree Supplementary
Examinations June 2025
Paper III – Pathology
(2023 Scheme)**

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*
- *Draw table/diagrams/flow charts wherever necessary*

Essay**(2x15=30)**

1. Define thrombosis. Describe about pathogenesis of thrombosis. Add a note on fate of thrombus. (2+10+3)
2. Describe the morphological features of carcinoma breast. Discuss about the risk factors and pathogenesis. Mention any 4 prognostic factors. (6+7+2)

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

3. Hypersensitivity Reactions
4. Cellular events in inflammation
5. Routes of spread of tumor
6. Acute Leukemia
7. Difference between Crohn's Disease and Ulcerative Colitis
8. Multinodular goiter
9. Morphology of heart in acute rheumatic disease
10. Malignant Melanoma

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

11. Fatty change
12. Infarction
13. Granuloma
14. Down's syndrome
15. Osteoclastoma
16. Morphology of carcinoma colon
17. Wilms Tumor
18. Opportunistic infections in AIDS
19. Hydatidiform Mole
20. Pancreatitis