

**First Year B.Sc Radio Therapy 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*

Essays:

(2x15=30)

1. Enumerate the different types of necrosis. Describe each of them in detail with examples.
2. Describe the etiopathogenesis, gross features and microscopy of carcinoma stomach.

Short notes:

(8x5=40)

3. Types of emboli
4. Pathological calcification
5. Carcinoma Breast
6. Mechanism of oedema
7. Pneumonia
8. Papillary carcinoma thyroid
9. Chronic myeloid leukemia
10. Histological changes in heart in myocardial infarction

Answer briefly:

(10x3=30)

11. Hemophilia
12. Giant cell tumor of bone
13. Nephrotic syndrome
14. Leiomyoma uterus
15. Characteristics of a malignant cell
16. Gall stones
17. Rheumatoid arthritis
18. Opportunistic fungal infections
19. Acute appendicitis
20. Hydrocele