

# MNJ INSTITUTE OF ONCOLOGY AND REGIONAL CANCER CENTRE

## DEPARTMENT OF RADIATION ONCOLOGY

### INTERNAL EXAMINATIONS

**2025 batch**

TIME: 3 Hours

MAX MARKS: 100

**Note:** Answer All Questions

Give diagrammatic representation whenever necessary.

(03-06-2026)

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**Write a short essay on the following:**

**10 X10 = 100**

- 1) Describe the anatomy of the Mediastinum with a neat labelled diagram? Discuss its divisions, boundaries, contents, and clinical relevance in thoracic oncology?
- 2) Discuss the anatomy and lymphatic drainage of Breast with a neat labelled diagram?
- 3) Describe the anatomy of the Lungs and pleura, including lobes, fissures, bronchopulmonary segments with diagram.?
- 4) Anatomy of Esophagus with labelled diagram, and a note on lymphatic drainage?
- 5) Describe the lymphatic drainage of the Lungs and enumerate nodal stations, 1st, 2nd and 3rd echelon nodes with labelled diagram and discuss its significance in the spread of lung cancer.?
- 6) TNM staging of Carcinoma Lung (Non-Small Cell Lung Carcinoma- NSCLC)?
- 7) TNM staging of Carcinoma Breast?
- 8) TNM staging of Thymic Tumors?
- 9) TNM staging of Mesothelioma?
- 10) TNM staging of Esophageal Carcinoma?