

# MNJ INSTITUTE OF ONCOLOGY AND REGIONAL CANCER CENTRE

## DEPARTMENT OF RADIATION ONCOLOGY

### INTERNAL EXAMINATIONS

**2023 batch**

TIME: 3 Hours

MAX MARKS: 100

**Note:** Answer All Questions

Give diagrammatic representation whenever necessary.

(09-05-2026)

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

**10 X10 = 100**

- 1) Classify adrenal tumors & describe in detail the clinical presentation, work up & management of adreno-cortical tumors? (2+2+2+4)
- 2) Describe in detail the role of SBRT in Liver SOL?
- 3) How do you manage a 45-year-old female with 4\*4 cm retroperitoneal sarcoma?
- 4) What are the different surgeries done in carcinoma stomach?  
Enumerate the different gastric lymph nodal stations? (6+4)
- 5) Role of TACE & TARE in HCC?
- 6) Write the staging and workup of colorectal cancers? (5+5)
- 7) Write in detail about the shrinking field technique & 2D planning in anal carcinoma?
- 8) Write in detail about long course and short course radiation in rectal cancers?
- 9) Write the anatomy, pathological classification, etiology and staging of anal canal carcinoma? (2+2+2+4)
- 10) Describe the risk factors & clinical features of pancreatic cancer & the role of adjuvant radiation? (2+2+6)