

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.

(11-07-2026)

Write a short essay on the following:

10 X10 = 100

- 1) Describe in detail the role of radiation in Mycosis Fungoides?
- 2) Classify skin tumors? What are the different histological subtypes of malignant melanoma? Write the staging, general management & role of radiation in malignant melanoma?
- 3) Classify CNS tumors? Describe the pathway of CSF circulation along with a neat labelled diagram & enumerate the various tumors which spread by CSF?
- 4) Describe in detail the signs and symptoms of craniopharyngioma & write about its management?
- 5) Write in detail the management of ependymoma along with the various techniques of RT?
- 6) What are the molecular and genetic characteristics of Glioblastoma Multiforme (GBM)? How a left occipital 3*3 cm GBM in managed along with short notes on Gliadel wafers and MGMT?
- 7) Describe the staging of Wilm's tumor? Write the role of Chemotherapy and Radiotherapy in Stage III Wilm's tumor?
- 8) Describe the role of RT in benign diseases (any two)?
- 9) Discuss the role of Chemotherapy, Radiotherapy and limb sparing strategies in Ewings Sarcoma?
- 10) Describe in detail the clinical features, staging and management of Neuroblastoma?