

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.

(03-06-2026)

Write a short essay on the following:

10 X10 = 100

- 1) Describe in detail the anatomy of cervix and its lymphatic drainage, along with the risk factors of carcinoma cervix? Write the latest FIGO staging of carcinoma cervix? (5+5)
- 2) What are the mechanisms of HPV induced Oncogenesis & write in brief about cervical cancer vaccines? (6+4)
- 3) Discuss ICRU 89 & write in detail about GEC-ESTRO guidelines for IGBT & how does it differ from the previously used systems?
- 4) Write in detail the screening of carcinoma cervix and the conventional planning of carcinoma cervix along with a neat labelled diagram?
- 5) Write in detail about the radiation induced complications in Gynecological cancers, the mechanisms behind it, its management and the preventable measures?
- 6) Describe in detail the role of EBRT & brachytherapy in carcinoma vagina?
- 7) Classify ovarian tumors (WHO) & write in detail the management of choriocarcinoma?
- 8) Describe in detail the staging and molecular classification of endometrial cancer?
- 9) Describe the management of FIGO Stage III endometrial cancer?
- 10) List the risk factors of carcinoma vulva and write in detail the role of radiation & Brachytherapy in carcinoma vulva?