

**PG Degree Regular/Supplementary Examinations in Radiotherapy
(MD) June 2020**

Paper III - Clinical Oncology & Cancer Chemotherapy

Time: 3 hrs

Max 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*

Essay:

(20)

1. Discuss the various chemotherapy schedules used in triple negative breast cancer. Describe the results of adjuvant and therapeutic combination therapy in triple negative breast cancer.

Short essays:

(8x10=80)

2. Imatinib - pharmacology and clinical indications
3. Targeted therapy in colo-rectal cancer
4. Management of stage I seminoma
5. Risk stratification of prostate cancer. Discuss the management of high risk prostate cancer in a 50 years old man.
6. Prognostic factors in Hodgkin's lymphoma. Management of stage IIIB
7. Extracorporeal irradiation - principles and indications
8. Carcinoma Peritonei – Enumerate various methods and drugs in tabular form with doses.
9. Haemostatic RT - principles and indications.
