



BZ-5125 Seat No. _____
M. D. Examination
April - 2021
Radiotherapy : Paper - IV
(Modern Trends & Recent Advances)

Time : 3 Hours]

[Total Marks : 100

Instructions :

- (1) Write legibly.
- (2) All questions carry equal marks.
- (3) Attempt all questions.

1 Write short notes on :

- (a) Altered fractionation schedules in Radiotherapy
- (b) ICRU-62
- (c) Immunotherapy
- (d) Radium 223

2 Describe in detail :

- (a) Stereotactic radiography and stereotactic radiosurgery.
- (b) Organ function preservation in oncology.

3 Write short notes on :

- (a) Extra corporeal radiation therapy in osteogenic sarcoma
- (b) Role of local therapies in oligometastatic disease.

4 Describe the role of early initiation of palliative care in oncology.

5 Describe in detail

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|----------|-----------|
| (a) APBT | (b) MLC |
| (c) 4DCT | (d) ALARA |