

RADIOTHERAPY

PAPER – II

RTH/J/16/41/II

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Fundamentals of oncological management in elderly patients (age > 60 years). 10
2. Multimodal approach in the management of inoperable lung cancers. 10
3. Management of anaemia in overall oncological management. 10
4. Rationale, methods and clinical results of accelerated fractionation schedules in head and neck cancers. 3+3+4
5. Enumerate hormone responsive tumours and describe hormone therapy most commonly used in one of these tumours. 3+7
6. Enumerate tumor markers associated with Genitourinary cancers and their role in oncological practice. 3+7
7. Management of a case of superior mediastinal syndrome. 10
8. a) Indications of chemoradiation in urinary bladder cancer. 5+5
b) Enumerate radiation techniques and fields.
9. a) Classify ophthalmic tumours. 5+5
b) How will you plan external radiation therapy for early retinoblastoma?
10. a) Enumerate the types of radiation fields for all kinds of presentation or stages of cancer of uterine cervix. 5+5
b) Dose prescription for two of them.
