

RADIATION ONCOLOGY

PAPER-II

Time: 3 hours
Max. Marks:100

RTH/D/20/41/II

Important Instructions:

- **You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.**
- **Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.**
- **No additional supplementary answer sheet booklet will be provided.**
- *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. a) Differentiate Hodgkin's from Non-Hodgkin's lymphoma. 5+5
b) Role of Radiotherapy in lymphomas.
2. Pathologic classification of bone tumours and the management of Osteoclastoma. 5+5
3. A 4 cm nodule excised from the thyroid of woman aged 50 years has been shown to be a well differentiated adenocarcinoma. Discuss the management. 10
4. Role and techniques of brachytherapy in carcinoma cervix. 10
5. How will you manage a 70-year-old male patient who presents with multiple bone metastasis? 10
6. What is the role of intraoperative radiotherapy? Describe the techniques and indications. 5+5
7. A woman aged 50 years presents with signs of early cord compression and is found to have a lump in the breast. How will you investigate and treat her? 5+5
8. What is the role of brachytherapy in SCC of the hard palate? Discuss the technique and the rules of distribution of sources if brachytherapy is indicated. 2+(4+4)
9. Role of brachytherapy in paediatric tumours. 10
10. Management of a patient presenting with metastatic inguinal lymphadenopathy. 10
