

FINAL EXAM  
 DECEMBER 2015

NATIONAL BOARD OF EXAMINATIONS

**RADIOTHERAPY**
**PAPER – II**

RTH/D/15/41/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.  | a) What are the components of tumour board approach in management of malignant diseases?                                 | 3       |
|     | b) How is consensus treatment policy achieved?   | 2       |
|     | c) What is the basis of recommendation of a consensus treatment?   | 5       |
| 2.  | a) Fundamentals of therapeutic approach in geriatric patients with malignancy.   | 5       |
|     | b) Outline the treatment of a 75 year old female with non bulky stage IIIB uterine cervical cancer.                      | 5       |
| 3.  | Modern approach in para aortic radiation in gynecological malignancies on the basis of evidence available in Literature. | 10      |
| 4.  | a) What is Gleason's Score in Carcinoma prostate?  | 3       |
|     | b) Risk stratification in carcinoma prostate.  | 7       |
| 5.  | a) Classify childhood tumours.   | 4       |
|     | b) Role of RT in management of Wilms' tumor.   | 6       |
| 6.  | a) Various gynecological brachytherapy approaches in all stages of disease presentation.                                 | 5       |
|     | b) Describe any one of the best brachytherapy approach & why you chose so.   | 5       |
| 7.  | Rationale, indications, technique and results of cranial irradiation in Acute Lymphoblastic Leukemia.                    | 2+2+4+2 |
| 8.  | Recent concepts in combined modality treatment of bucco gingival cancers.  | 10      |
| 9.  | Syndromes related to nasopharyngeal cancers.   | 10      |
| 10. | a) Place of radiation therapy in cancer of urinary bladder.  | 7       |
|     | b) Recent report on novel interventions in its treatment.  | 3       |

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