

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Radiotherapy Technology Degree Examination – OCT-2019

Time: 3 Hours

Max. Marks: 30 Marks

Principles of Radiotherapy

Q.P. Code: 1358

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1357 and 1358 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Explain the complications expected during radiotherapy of cervix, head and neck, and breast.
2. External beam radiotherapy: rationale, procedure and techniques

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 Marks

3. Acute and late effects of radiotherapy
4. Altered fractionation schedules
5. Clinical signs and symptoms of neoplasia

SHORT ANSWERS (Answer any Five)

5 x 2 = 10 Marks

6. Brachytherapy
7. Alopecia
8. Blood count during radiotherapy
9. Radiation pneumonitis
10. Conventional fractionation
11. Effect of radiation on parotid glands
