

Rajiv Gandhi University of Health Sciences, Karnataka
M.D. Degree Examination – 14-Jul-2020

Time: Three Hours

Max. Marks: 100 Marks

RADIOTHERAPY - PAPER – I (RS-2/RS-3)
Applied Anatomy, Pathology, Radiation Physics, Radio Biology
Q. P. CODE: 7481

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

Answer All The Questions

10 x 10 = 100 Marks

1. Explain percentage depth dose and explain the PDD characteristics of Electron beam.
2. Alpha/Beta ratio.
3. Cranial nerves involved in nasopharyngeal cancer and syndromes.
4. PET Scan.
5. Wedge filter.
6. Radioisotopes used in pain management.
7. Flow cytometry.
8. Gap correction in radiation treatment.
9. Compton effect.
10. Clinical anatomy of maxillary antrum and clinical significance.
