

Rajiv Gandhi University of Health Sciences, Karnataka
M.D. Degree Examination – 12-Nov-2019

Time: Three Hours

Max. Marks: 100 Marks

RADIOTHERAPY - PAPER – I
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. Hypoxic cell sensitizers.
2. Anatomy and Lymphatic drainage of the stomach.
3. Classify central nervous system and describe the pathology of ependymoma.
4. Radiation damage and repair.
5. Wedges and wedge filters.
6. Sentinel node biopsy in carcinoma breast.
7. Proton beam characteristic.
8. Dose volume histogram
9. Hyperthermia.
10. Tumor Cure Assay (TCD 50)
