

Rajiv Gandhi University of Health Sciences, Karnataka
Post Graduate Diploma Examination – 14-Jul-2020

Time: Three Hours

Max. Marks: 100 Marks

Diploma in Medical Radiotherapy (D.M.R.T)
PAPER- I (RS-2/RS-3)
Q. P. CODE: 7151

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. Write about pathological classification of Ovarian Cancer.
2. Describe Anatomy and Histology of Bone Marrow. Illustrate the process of Bone marrow depression with Chemo therapy, Radiotherapy and its management.
3. Explain about IGRT and its clinical uses.
4. Write short notes on a) RECIST criteria b) Potential doubling time
5. Write about GAMA Knife.
6. Short notes on a) Radiation sensitizers b) Chemo prevention in Cancer
7. Write about Radioactive isotopes used in prostatic cancer.
8. Write short note on molecular techniques in radiobiology.
9. Short notes on – a) EPID b) Flattening Free Filter Beam
10. Short notes on – a) Radio Nuclides in Metastatic Bone pain b) Hyper Calcemia
