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

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Post Graduate Diploma Examination – 16-Jul-2020

Time: Three Hours | Max. Marks: 100 Marks

DIPLOMA IN Medical Radiotherapy (D.M.R.T)
PAPER – II (RS-2/RS-3)
Q.P. CODE: 7152

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. Oncoviruses.
2. Etiology, pathology and staging workup in Ewing's sarcoma.
3. Risk factors, diagnosis, imaging, staging of thyroid cancers.
4. Clinical evaluation and management of Ductal carcinoma in situ of breast.
5. Describe risk factors, work up in seminoma testis.
6. Etiopathogenesis and management of bone secondaries.
7. Who pain ladder and rehabilitation of cancer patients?
8. Tumor lysis syndrome.
9. Plasmacytoma.
10. Capacetabine.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Examination – 18-Jul-2020

Time: Three Hours | Max. Marks: 100 Marks

DIPLOMA IN MEDICAL RADIOTHERAPY (D.M.R.T)
PAPER - III (RS-2/RS-3)
Q. P. CODE: 7153

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. Classify salivary gland tumors and radiotherapy technique in parotid carcinoma.
2. Management of early stage breast carcinoma.
3. Radiotherapy techniques in carcinoma nasopharynx.
4. Compare and contrast low dose rate and high dose rate brachytherapy.
5. Diagnosis and management of carcinoma penis.
6. Discuss radiotherapy techniques in pituitary adenoma.
7. Describe radiotherapy indication and techniques in lymphomas.
8. Stereotactic radiosurgery.
9. Management of spinal secondaries.
10. Management of Carcinoma Left Tonsil T2N1M0.

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