

March 2009

[KU 142]

Sub. Code: 2037

M.D. DEGREE EXAMINATION
Branch IX – RADIO THERAPY
(Candidates admitted upto 2007-2008)

Paper III – CLINICAL PRACTICE AND TECHNIQUE OF
RADIOTHERAPY
Q.P. Code : 202037

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions : **(2 x 20 = 40)**

1. Give an account of developments in brachytherapy of carcinoma of cervix and their salient features. Add notes on radio biological basis of each them.
2. Describe etiology, pathology, clinical presentation, diagnostic workup and treatment of carcinoma hypopharynx.

II. Write short notes on : **(10 x 6 = 60)**

1. Intra – cranial metastasis.
2. TPS.
3. Cutaneous ‘T’ cell lymphoma.
4. Hormones in breast cancer.
5. IMRT.
6. Mantle field.
7. Simulation in radiotherapy.
8. Retino-blastoma.
9. Ewing sarcoma.
10. Spinal cord compression.

September 2009

[KV 142]

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Q.P. Code : 202037

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions : **(2 x 20 = 40)**

1. Define pain. Discuss in detail the various causes of pain in a cancer patient and their treatment.

2. How would you investigate and treat a patient of carcinoma esophagus middle third. Explain various techniques of radiation.

II. Write short notes on : **(10 x 6 = 60)**

1. Paraneoplastic syndrome.
2. Prognostic factors in thyroid cancer.
3. Malignant spinal cord compression.
4. Neuroblastoma.
5. Radiotherapy in Ewings tumour.
6. PEG feeding.
7. Cranial prophylaxis.
8. Post-operative radiotherapy in endometrial cancer.
9. Mammography.
10. Radiotherapy in early glottic cancer.

March 2010

[KW 142]

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M.D. DEGREE EXAMINATION

Branch IX – RADIO THERAPY

**Paper III – (for candidates admitted upto 2007-2008) and
Part II / Paper II – (for candidates admitted from 2008-2009 onwards)**

CLINICAL PRACTICE AND TECHNIQUE OF RADIOTHERAPY

Q.P. Code : 202037

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 x 20 = 40)

1. Discuss HDR (High Dose Rate) brachytherapy.
2. Discuss accelerated partial breast irradiation in early breast carcinoma.

II. Write short notes on :

(10 x 6 = 60)

1. Tumour vaccines.
2. Monoclonal antibody.
3. Chemoprevention.
4. Kaposi's sarcoma.
5. Particle beam radiotherapy.
6. Prophylactic cranial irradiation.
7. Mycosis fungoides.
8. Gamma knife.
9. Endovascular brachytherapy.
10. Tomotherapy.
