Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - October 2010

[Time: 3 Hours] [Max. Marks: 100]

RADIO DIAGNOSIS

PAPER – I (Revised Scheme)

Q.P. CODE : 7461

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Explain principle of CT, write in detail about generations of CT and note on latest advances in CT
2. Discuss the Radiological features of osteogenic sarcoma

SHORT ESSAY **6 X 10 = 60 Marks**

3. Draw a neat diagram of X Ray tube
4. Draw a diagram of ultrasound transducer, mention the different types of probes
5. Skyline view
6. Osgood schlather's disease
7. Anatomy of knee joint
8. Scintigraphy of thyroid disorders

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M.D. Degree Examination - October 2010

[Time: 3 Hours] [Max. Marks: 100]

RADIO DIAGNOSIS

PAPER – II (Revised Scheme)

Q.P. CODE : 7462

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Mention the differential diagnosis of focal liver lesion with a note on imaging of hepatocellular carcinoma
2. Radiographic features of congenital Heart disease

SHORT ESSAY **6 X 10 = 60 Marks**

3. Virtual colonoscopy
4. Atypical pleural effusions
5. Differential diagnosis of SPN (Salutary Pulmonary Nodule)
6. Posterior urethral valves
7. Bosniak's classifications of renal cysts
8. I U G R

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – October 2010

[Time: 3 Hours] [Max. Marks: 100]

RADIO DIAGNOSIS

PAPER – III (Revised Scheme)

Q.P. CODE : 7463

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the radiological features of neurofibromatosis.
2. Discuss the role of MRI in bone marrow diseases.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Juvenile Rheumatoid Arthritis
4. Ultrasound in shoulder pathology
5. CT enteroclysis
6. Emphysematous pyelonephritis
7. Fungal infections in brain.
8. Imaging in torsion testis.

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Rajiv Gandhi University of Health Sciences

fM.D. Degree Examination – October 2010

[Time: 3 Hours] [Max. Marks: 100]

RADIO DIAGNOSIS

PAPER – IV (Revised Scheme)

Q.P. CODE : 7464

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss various congenital lesions of brain and role of imaging in these conditions.
2. Discuss the role of radioisotopes in renal imaging

SHORT ESSAY **6 X 10 = 60 Marks**

3. Doppler in renal hypertension
4. Sterilization techniques used to sterllise instruments / devices in the department of radio diagnosis
5. MDCT in cardiac imaging
6. MR mammography
7. ILD and HRCT.
8. Gastro intestinal stromal tumour (GIST)

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