Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - May 2012

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

DIPLOMA IN RADIO DIAGNOSIS (D.M.R.D)

PAPER – I (Revised Scheme)

Q.P. CODE: 7131

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

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

1. Discuss the imaging appearances in a case of spinal tuberculosis.

2. Describe the Modern X-ray tube with help of a diagram. How are X-rays produced from an X-ray tube

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

3. Lymphangitis carcinomatosis

4. Scimitar syndrome

5. Artifacts in Computed Radiography(CR) system

6. Gradient echo imaging

7. Ankylosing spondylitis

8. Renal rickets

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2012

[Max. Marks: 100]

3 Hours]

DIPLOMA IN RADIO DIAGNOSIS (D.M.R.D)

PAPER – II (Revised Scheme)

Q.P. CODE: 7132

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

2 X 20 = 40 Marks

G ESSAY

Discuss the role of Imaging in a case of blunt abdominal trauma.

Discuss the role of a radiologist in a 40 yr old male patient presenting to the Emergency Medicine Department with acute abdominal pain in the right hypochondrium & epigastrium.

6 X 10 = 60 Marks

ORT ESSAY

Normal and abnormal extrinsic impressions on esophagogram.

Discuss briefly anomalies of aortic arch and its major branches.

Ultrasound in evaluation of bowel diseases

5. Classification and imaging in aortic dissection

7. Imaging in focal nodular hyperplasia of liver.

8. Radiography in cardiomegaly and individual chamber enlargement.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2012

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

DIPLOMA IN RADIO DIAGNOSIS (D.M.R.D)

PAPER – III (Revised Scheme)

Q.P. CODE: 7133

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. Describe in detail the imaging features of Wilms tumour and its staging
2. Imaging features of meningioma and hemagioblastoma

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

3. Prune belly syndrome
4. Dentigerous cyst
5. Corpus callosal agenesis
6. Spinal stenosis
7. Acute pyelonephritis
8. Endometriosis

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - Nov 2012

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

RADIODIAGNOSIS (D.M.R.D.)

PAPER – I (Old Scheme)

Q.P. CODE : 7121

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. What is maximum permissible dose? Describe the methods of radiation protection to the patients and to the staff in the diagnostic radiology department
2. Describe indications and contraindications of intracenous urogram. Discuss the contrast media used for the same

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

3. Hysterosalpingography
4. Prune belly syndrome
5. Intrauterine fetal death
6. Papillary necrosis
7. Neuroblastoma
8. Endometriosis

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – Nov 2012

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

RADIODIAGNOSIS (D.M.R.D.)

PAPER – II (Old Scheme)

Q.P. CODE : 7122

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. What are the causes of intestinal obstruction? Discuss the radiological and imaging differential diagnosis of intestinal obstruction.
2. What are the causes of pulmonary thrombo-embolism? How do you investigate a case of pulmonary thromboembolism?

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

3. Radionuclide thyroid scan
4. Portal venous hypertention
5. Anorectal anomalies
6. Leather bottle stomach
7. Solitary pulmonary nodule
8. Acute pancreatitis

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – Nov 2012

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

RADIODIAGNOSIS (D.M.R.D.)

PAPER – III (Old Scheme)

Q.P. CODE : 7123

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. Describe the Anatomy of the pituitary Gland and briefly discuss the differential diagnosis of pituitary masses.
2. Briefly discuss the differential diagnosis and imaging appearances of various soft tissue tumors.

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

3. Sclerotic lesions of bone
4. Acoustic neuroma
5. Skeletal metastases
6. Hydrocephalus
7. Hyperparathyroidism
8. Orbital masses

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - Nov 2012

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

DIPLOMA IN RADIO DIAGNOSIS (D.M.R.D)

PAPER – I (Revised Scheme)

Q.P. CODE: 7131

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. What are the different interactions of x rays with matter? Describe in detail two of them with their application in radiography
2. Describe sequence of changes seen in acute and chronic osteomyelitis as seen on plain radiograph. Discuss role of isotopes, ultrasound, CT and MRI in its diagnosis

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

3. Transducer
4. Diaphragmatic hernia
5. Enchondroma
6. Bronchogenic cyst
7. Chest radiographic signs of pulmonary edema
8. Radiographic changes in scurvy

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – Nov 2012

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

DIPLOMA IN RADIO DIAGNOSIS (D.M.R.D)

PAPER – II (Revised Scheme)

Q.P. CODE: 7132

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 technique of barium meal examination. Describe radiological and imaging features of benign and malignant gastric pathologies
2. Describe the imaging features of acute pancreatitis and its complication. What is the role of radiologist in treatment of these complications

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

3. Imaging features of small bowel lymphoma
4. Discuss briefly role of ultrasound and Doppler in peripheral arterial disease evaluation
5. Image guided coeliac plexus block.
6. Imaging of Congenital hypertrophic pyloric stenosis.
7. Imaging findings in coarctation of aorta.
8. Imaging features of liver metastasis.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – Nov 2012

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

DIPLOMA IN RADIO DIAGNOSIS (D.M.R.D)

PAPER – III (Revised Scheme)

Q.P. CODE: 7133

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 the role of Radiology and Radio isotopes in the diagnosis of renal hypertension

2. What is phakomatoses? Which are the different conditions in this group? Explain the imaging features in Neurofibromatosis type II

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

3. Sinonasal polyposis
4. Nephrocalcinosis
5. Nuchal translucency
6. Medulloblastoma
7. Renal ectopia
8. Endometriosis

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