Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - May 2014

[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. Describe the radiological and Imaging features of Osteosarcoma.

2. Describe the principles of H.R.C.T. of Chest.
   Describe the clinical applications and H.R.C.T. chest findings in Interstitial Lung diseases.

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

3. Intensifying screen.
4. X Ray Cassette.
5. Mesothelioma.
6. Multiple Myeloma.
7. Bronchogenic Cyst.
8. Fibrous Dysplaia.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2014

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

DIPLOMA IN RADIO DIAGNOSIS (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. Describe in detail the various components of an X-ray tube with a diagram. What are X-rays? How are they produced? What are the properties and uses of X-rays?
2. Role of imaging in the diagnosis of various types of Bronchogenic Carcinoma

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

3. Axial view of the skull
4. Osteogenic sarcoma
5. Radiological anatomy of shoulder
6. Scattered radiation
7. Doppler ultrasound principle
8. Ankylosing spondylitis

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2014

[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. Mention the segmental anatomy of liver. Discuss imaging in focal liver lesions.
2. Discuss imaging in pericardial diseases.

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

3. CT severity index.
4. Gerbodies defect.
5. Pseudoaneurysm.
6. Internal fistula.
7. Adrenal venography.
8. Oesophageal varices.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2014

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

DIPLOMA IN RADIO DIAGNOSIS (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. Evaluation of Obstructive Jaundice by various imaging methods
2. Imaging methods of Cyanotic Congenital Heart Diseases

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

3. Pheochromocytoma
4. Portal hypertension – Doppler imaging
5. Gas shadows in acute abdomen
6. Pericardial effusion – imaging
7. Oesophageal diverticulae
8. Colonic polyposis syndromes

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - May 2014

[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 the MRI features of traumatic lesion of meniscus and ligaments of knee Joint.
2. Enumerate Neuroectodermal dysplasias.
   Describe imaging findings in any two of them.

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

3. Doppler in Renal Artery Stenosis.
4. Nephrocalcinosis.
5. Testicular Torsion.
6. Placenta Praevia.
7. Malignant Ovarian Tumours.
8. Meningioma.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – May 2014

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

DIPLOMA IN RADIO DIAGNOSIS (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 radiological anatomy of Pituitary Fossa and the imaging features of various pituitary lesions.
2. Classify the renal tumours. Discuss the various imaging methods in evaluation of renal cell carcinoma.

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

3. Acoustic neuroma
4. Ophthalmic ultrasound
5. BI-RADS
6. Torsion of testis
7. Placental imaging – ultrasound
8. Mullerian duct anomalies

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – <<>>

Time: Three Hours **Max. Marks: 100 Marks**

Diploma in MEDICAL RADIODIAGNOSIS(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

LONG ESSAYS **2 x 20 = 40 Marks**

1. What is maximum permissible dose? Describe the methods of radiation protection to the patient and staff in diagnostic radiology.
2. Discuss the radiological anatomy of bronchopulmonary segments.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Autotransformer
4. Chondrosarcoma
5. Basic principles of spin echo sequences.
6. MRI in intervertebral disc prolapse
7. Cystic adenomatoid malformations
8. Compton Effect

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

Time: Three Hours **Max. Marks: 100 Marks**

Diploma in MEDICAL RADIODIAGNOSIS(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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Classify bone tumours. Discuss the radiological approach in diagnosing bone tumours. Discuss in detail various types of osteosarcomas.
2. Describe in detail the structure and principle of Image Intensifier.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Line Focus Principle
4. Imaging manifestations of AIDS in the chest
5. Pulmonary sarcoidosis
6. Process of X-ray Generation
7. MRI artefacts
8. Hyperparathyroidism

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

Time: Three Hours **Max. Marks: 100 Marks**

Diploma in MEDICAL RADIODIAGNOSIS(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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the role of imaging in hepatic tumours in adults.
2. Plain radiography in evaluation of acute abdomen

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Write short note on diverticular disease of colon.
4. Briefly describe role of imaging in retroperitoneal fibrosis.
5. Write short notes on Ebstein's anomaly.
6. Write short note on total anomalous pulmonary venous drainage.
7. Imaging in cystic lesions of the liver
8. Write short note on Fistula –in –ano.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

Time: Three Hours **Max. Marks: 100 Marks**

Diploma in MEDICAL RADIODIAGNOSIS(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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Enumerate the complications of renal transplant surgery. Describe the imaging approach in diagnosing them.
2. Discuss the differential diagnosis of unilateral proptosis and briefly describe the radiological features.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Normal pressure hydrocephalus
4. Imaging features of venous infarct
5. Bare-orbit
6. Polycystic ovaries
7. Sonography findings in ovarian carcinoma
8. Renal angiomyolipoma



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