Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2012

[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. Write the differential diagnosis and their imaging findings of a lytic lesion in the proximal end of humerus in an immature skeletion
2. Describe briefly the IITV system and its application in modern medicine

SHORT ESSAY

6 X 10 = 60 Marks

3. Imaging anatomy of gastro esophageal junction
4. MR anatomy of hippocampus
5. Pathophysiology of COPD
6. Classification of contrasts used in Radiology
7. Radiation dose in pediatrics
8. Radiography of PNS

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Rajiv Gandhi University of Health Sciences

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M.D. Degree Examination – May 2012

[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. Discuss the role of imaging and interventional radiology in patients with hematuria.
2. Discuss the pathogenesis and imaging findings in Gastrointestinal tuberculosis.

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

3. Pulmonary manifestations in AIDS
4. MRCP
5. Sonosalphingography
6. Imaging in Proptosis
7. Standard Echocardiographic views
8. Anomaly scan in first trimester.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2012

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

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

1. A 45 year old male comes haematemesis. Discuss the role of imaging and interventional procedures
2. Write in brief the classification of bone tumour & imaging in malijnant bone tumours

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

3. Neurotuberculosis
4. Vesicoureteric reflux
5. MRI of wrist
6. Imperforate anus
7. Bronchogenic cyst
8. Ultrasonography of thyroid

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Rajiv Gandhi University of Health Sciences

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M.D. Degree Examination – May 2012

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

RADIO DIAGNOSIS

PAPER – IV (Revised Scheme)

Q.P. CODE : 7464

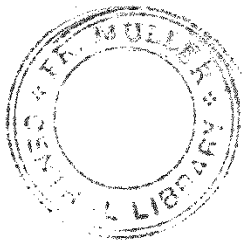
Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

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

1. C V JN anomalies, role of CT and MRI in evaluation
2. Neck masses, role of CT & MRI in evaluation of cystic hygroma and thyroid carcinoma

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

3. Normal intracranial calcification
4. Retinal detachment
5. Soft tissue injury role of MRI
6. Cong. Anomalies of middle ear
7. Cranio stenosis
8. Chordoma



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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

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

MD RADIODIAGNOSIS

(Revised Scheme)

PAPER – I

Q.P. CODE: 7461

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

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

1. Describe in detail the different Magnets and Coils in MRI. Discuss the hazards related to the MRI hardware and safety procedure to be followed to prevent accidents.

2. Discuss the cross sectional anatomy of neck spaces

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

3. Spinal tuberculosis

4. Causes and differential diagnosis of absorption of tips of terminal phalanges

5. Osteoid osteoma

6. Diffuse sclerosing bone dysplasias

7. Radiation Protection

8. Principles of MultiDetector CT scan (MDCT).

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

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

MD RADIODIAGNOSIS
(Revised Scheme)
PAPER – II

Q.P. CODE: 7462

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 an interventional radiologist in hepatic and biliary disease.

2. Briefly mention the causes of respiratory distress in newborn. Discuss their imaging findings in detail.

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

3. Write short note on Mediastinal lines & stripes.

4. Briefly write about CT imaging features GIST.

5. Short note on MRCP

6. CT bronchoscopy and its utility

7. Bronchial artery embolisation

8. Short note on Primary sclerosing cholangitis

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

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

MD RADIODIAGNOSIS
(Revised Scheme)
PAPER – III

Q.P. CODE: 7463

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

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

1. Ennumerate the common causes of pulmonary embolism. Discuss the role of plain X-ray, isotope scan, C.T. & angiogram in evaluating the pulmonary embolism.

2. Classify cystic diseases of the kidney. Describe the imaging features in polycystic kidney.

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

3. Pyeloureteritis cystica.

4. Ultrasound features of acute painful testis.

5. Imaging of intrauterine foetal death

6. Ultrasound and CT features of Ovarian dermoid

7. Sonography in renal transplant

8. Sonological soft markers in trisomy 21 foetus

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Nov 2012

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

MD RADIODIAGNOSIS
(Revised Scheme)
PAPER – IV

Q.P. CODE: 7464

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 imaging of sellar and parasellar masses.

2. Describe in detail imaging in Cranio -cerebral trauma.

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

3. Normal pressure hydrocephalus
4. Schizencephaly
5. Arnold chiari malformation
6. Fungal sinusitis
7. Acoustic schwannoma
8. Retinoblastoma

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