Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - MAY 2017

[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. Classify the tumors in and around knee joint? Describe imaging features of osteogenic sarcoma
2. Draw a diagram of Bronchopulmonary segments. Discuss the role of H.R.C.T in interstitial lung diseases.

SHORT ESSAY 6 X 10 = 60 Marks

3. Percuteneous Transhepaticcholingiogram
4. Atrial septal defect
5. Thalassaemia
6. Achalasia cardia
7. Role of M R I in liver masses
8. Renal Doppler

Rajiv Gandhi University of Health Sciences

Post Graduate Degree Examination – MAY 2017

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 Imaging in a case of blunt abdominal trauma.

2. Describe the mechanism and causes of lung collapse. Discuss the imaging features of various pattern of lung collapse.

SHORT ESSAYS 6 x 10 = 60 Marks

3. Write short note on syndromes with GIT polyposis.

4. Radiological assessment of Portal hypertension

5. Short note on Gastroesophageal reflux disease (GERD)

6. Imaging findings in pulmonary sarcoidosis

7. Imaging findings in Scimitar syndrome

8. Short note on germ cell tumours of mediastinum

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Rajiv Gandhi University of Health Sciences

Post Graduate Degree Examination – <<<>>>

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. Discuss the role of ultrasound and MRI in carcinoma of endometrium and carcinoma of cervix.

2. Enumerate the causes of thoracic aortic aneurysm and what is the role of plain radiograph, CT, Ultrasound, MRI in its diagnosis.

SHORT ESSAYS 6 x 10 = 60 Marks

3. Renal angiomyolipoma

4. Urachal - masses

5. Varicocele

6. Vesico ureteral reflux

7. Vesicular mole

8. CT urography

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – JUNE 2017

[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. Classify spinal tumours and discuss in detail role of various imaging modalities. Describe salient imaging features in various intremedullary tumours.
2. Describe radiological anatomy of sub arachnoid space. Discuss the causes, role of imaging and intervention in subarachnoid bleed.

SHORT ESSAY 6 X 10 = 60 Marks

3. Describe blood brain barrier and its role in Neuroimaging.
4. Classify cystic lesions of mandible and briefly imaging features in odontogenic lesions.
5. How do you investigate a case of fungal sinusitis?
6. Radiological anatomy and importance of neck spaces
7. Describe anatomy of optic nerve and imaging approach at various levels.
8. What is the role of trans cranial Doppler in intracranial vascular disease?

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - NOVEMBER 2017

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

Radio Diagnosis
PAPER – I
Q.P. CODE: 7461

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

Answer All The Questions 10 X 10 = 100 Marks

1. Conventional flouroscopy versus Digital flouroscopy
2. Discuss conventional mammography versus sono mammography
3. C T guided biopsy
4. Digital radiography
5. Ewing's sarcoma
6. Paramagnetic agents
7. PACS (Picture Archiving Communication System)
8. Posterior urethral valve
9. MRCP VS ERCP
10. Ultrasound image artifacts

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - NOV 2017

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

Radio Diagnosis
PAPER – II
Q.P. CODE: 7462

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

Answer All The Questions 10 X 10 = 100 Marks

1. Role of CT and MRI in diagnosing and staging of carcinoma of lung
2. Common causes of acute abdomen and imaging features of acute pancreatitis and acute pynephitis
3. Kerley lines
4. Pulmonary embolism with imaging features
5. Choledochal cyst
6. Tracheo – esophageal fistula
7. I C U - Radiography
8. Gasless abdomen
9. Imaging of posterior mediastinal masses
10. Imaging features in a case of intestinal perforation

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – NOV – 2017

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

Radio Diagnosis
PAPER – III
Q.P. CODE: 7463

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

Answer All The Questions 10 X 10 = 100 Marks

1. Pulmonary stenosis vs embolism – imaging modalities and features
2. Enumerate the causes of renal trauma and discuss the role of various imaging modalities in evaluating renal trauma.
3. Percutaneous interventional procedures
4. Role of ultrasound in 2^{nd} trimester
5. MR-venography and arteriography
6. TB kidney
7. Neural-tube defects
8. Water soluble contrast
9. Cardiac CT
10. Total anomalous pulmonary venous drainage

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Rajiv Gandhi University of Health Sciences

MD Degree Examination – NOV 2017

Time: Three Hours | Max. Marks: 100 Marks

Radio Diagnosis
PAPER – IV
Q.P. CODE: 7464

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

Answer All The Questions | 10 x 10 = 100 Marks

1. Enumerate and discuss the imaging features of intraventricular masses in adults.
2. Describe the differential diagnosis in a patient presenting with unilateral proptosis
3. Sturge Weber's syndrome
4. Osteo meatal complex
5. Arachnoid cyst
6. MRI findings in intracerebral haemorrhage
7. Imaging in facial nerve injury
8. Dandy Walker malformation
9. CT and MR findings in acute stroke
10. MRI in intramedullary neoplasms of spinal cord

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