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7461_2006_1_S02

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. (RADIO DIAGNOSIS) DEGREE EXAMINATION

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

PAPER I
(Revised Scheme)

QP Code: 7461

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

LONG ESSAYS 2 X 20 = 40 Marks

1. Name the various interactions of x-ray photons with matter. Describe any two.
2. Skeletal and extraskeletal manifestations of rheumatoid arthritis.

SHORT ESSAYS 6 X 10 = 60 Marks

3. Psoriatic arthritis
4. Marfan's syndrome
5. MRI of knee
6. 3D rendering technique
7. MR angiography – principles and techniques
8. Lung perfusion scan

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7462_2006_1_S02

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. (RADIO DIAGNOSIS) DEGREE EXAMINATION

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

PAPER II
(Revised Scheme)

QP Code: 7462

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

LONG ESSAYS 2 X 20 = 40 Marks

1. Discuss the pulmonary manifestations in immunocompromised patients.
2. Radiology and imaging of acute pancreatitis.

SHORT ESSAYS 6 X 10 = 60 Marks

3. Briefly discuss the differentiating features of intra and extra lobar sequestration of lung
4. USG and color Doppler evaluation of cirrhosis of liver with portal hypertension
5. Biliary interventions
6. Splenic SOL
7. Etiology and radiological features of mechanism small bowel obstruction
8. Pheochromocytoma

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7463_2006_1_S01

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. (RADIO DIAGNOSIS) DEGREE EXAMINATION

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

PAPER III
(Revised Scheme)

QP Code: 7463

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

LONG ESSAYS 2 X 20 = 40 Marks

1. Enumerate causes of hematuria. Discuss the imaging approach to hematuria

2. What are the common causes of pulmonary thrombo embolism? Discuss the role of plain radiography, isotope scan and CT angiogram in the evaluation of PTE

SHORT ESSAYS 6 X 10 = 60 Marks

3. Transvaginal ultrasound

4. Role of ultrasound and CT in renal transplantation

5. Fallopian tube recanalisation

6. Undescended testis- radiological and imaging evaluation

7. CT and MR in gynaecological malignancies

8. Renal angiomyolipoma

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7464_2006_1_S03

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. (RADIO DIAGNOSIS) DEGREE EXAMINATION

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

PAPER IV
(Revised Scheme)

QP Code: 7464

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

LONG ESSAYS 2 X 20 = 40 Marks

1. Describe the anatomy of pituitary gland. Discuss the radiological and imaging features of lesions involving the pituitary gland.

2. Discuss the causes and imaging features in a case of acute paraplegia.

SHORT ESSAYS 6 X 10 = 60 Marks

3. MR spectroscopy

4. Neurocysticercosis

5. Suprasellar lesions

6. Solitary collapsed vertebra

7. CT and MR features of intracranial hematoma

8. Mandibular lesions – imaging approach

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Rajiv Gandhi University of Health Sciences

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M.D. DEGREE EXAMINATION

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

RADIO DIAGNOSIS

PAPER I (Revised Scheme)

QP Code: 7461

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

NG ESSAY 2 X 20 = 40 Marks

Name the various interactions of x-ray photons with matter. Describe any two.

Skeletal and extraskeletal manifestations of RA (rheumatoid arthritis)

ORT ESSAY 6 X 10 = 60 Marks

Psoriatic arthritis

Marfan's syndrome

MRI of knee

3D rendering techniques

MR angiography – principles & techniques

Lung perfusion scan

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. (RADIO DIAGNOSIS) DEGREE EXAMINATION

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

PAPER II
(Revised Scheme)

QP Code: 7462

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

LONG ESSAYS 2 X 20 = 40 Marks

1. Discuss the anatomy of posterior mediastinum and describe radiological and imaging features of lesions involving the posterior mediastinum.
2. Discuss the role of radiology in the diagnosis and management of patient presenting with obstructive jaundice.

SHORT ESSAYS 6 X 10 = 60 Marks

3. Radioisotope imaging of hepatobiliary disease
4. Gastro-oesophageal junction with particular reference to hiatal hernia
5. MRCP
6. Role of radiology and imaging in intestinal ischemia
7. Coal worker's pneumoconiosis
8. Cushing's syndrome

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. (RADIO DIAGNOSIS) DEGREE EXAMINATION

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

PAPER III
(Revised Scheme)

QP Code: 7463

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

LONG ESSAYS 2 X 20 = 40 Marks

1. Classify congenital heart disease. Discuss the radiological features in conditions with left right shunt
2. Hemoptysis – etiology, radiological features and role of interventional in its management

SHORT ESSAYS 6 X 10 = 60 Marks

3. Tracheo-oesophageal developmental anomalies
4. Role of Doppler in male infertility
5. Etiology and imaging evaluation of deep vein thrombosis
6. Transrectal ultrasound prostate
7. Benign tumors of kidney
8. Digital subtraction angiography

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. (RADIO DIAGNOSIS) DEGREE EXAMINATION

Time: 3 Hours

[Max. Marks : <100>]

PAPER IV
(Revised Scheme)

QP Code: 7464

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

2 X 20 = 40 Marks

LONG ESSAYS

1. Discuss anatomy of CP angle. Describe imaging features of various space-occupying lesions in this region.

2. Classify orbital tumors. Describe radiological features of tumors affecting the globe (eyeball).

6 X 10 = 60 Marks

SHORT ESSAYS

3. Cystic lesions in infratentorial region

4. HIV manifestations in CNS

5. Evaluation of tinnitus

6. Glomus tumours

7. PNS masses

8. Soft tissue calcification

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