Rajiv Gandhi University of Health Sciences, Karnataka

MD Degree Examination – MAY-2018

Time: Three Hours | Max. Marks: 100 Marks

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. Explain about metabolic disorders of bone and how to arrive at diagnosis on plain radiograph.
2. Describe the principles of multidetector CT and the various reconstruction methods.
3. What is filtration? Explain in detail about different levels of filtration used in X ray.
4. Differential diagnosis of lesions of mandible
5. Avascular necrosis
6. Radiological features of skeletal tuberculosis
7. Benign expansile lesion of long bone
8. Giant cell tumours
9. Classify idiosyncratic reactions resulting from contrast media administration. Describe the management of life threatening adverse reactions.
10. Clinical applications and techniques of fat suppression in MRI

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - MAY-2018

[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. Discuss the causes of portal hypertension. Write in detail about the Sonographic and Dopple evaluation of Cirrhosis and Portal hypertension.
2. Describe in detail the various types of adrenal masses. Explain the various imaging modalities wit salient findings to differentiate the masses.
3. Imaging findings of ulcerative colitis
4. Oesophageal varices
5. Congenital lobar emphysema
6. Focal nodular hyperplasia – imaging with differential diagnosis
7. Imaging in pulmonary edema
8. Retroperitoneal fibrosis and its differential diagnosis
9. MRCP in obstructive jaundice
10. Role of MDCT in staging of carcinoma of lung

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – MAY-2018

[Time: 3 Hours] [Max. Marks: 10

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 Mark

1. Classify cardiomyopathy. Discuss in detail role of various modalities and salient imaging features i cardiomyopathy.
2. Describe pathology, role of imaging and radiological features in urinary tract trauma.
3. Write briefly on role of isotopes v/s MR imaging in myocardial ischemia
4. Imaging of a child with obstructive uropathy
5. How do you investigate a case of unilateral leg edema?
6. Embryological and imaging considerations in a case of cryptorchidism
7. How would you approach and counsel a pregnant woman with fetal cardiac defect?
8. What are the causes of emergency in 3rd trimester pregnancy? How will you investigate?
9. Coronary imaging
10. MRI of cardiac tumours

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – MAY-2018

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

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. Discuss in detail the imaging findings and differential diagnosis of unilateral proptosis.
2. What are phakomatosis? Discuss the role of imaging of brain in it.
3. Intraosseous Hemangioma
4. Hydrocephalus
5. Esthesioneuroblastoma
6. Ameloblastoma mandible
7. Branchial cleft cyst – Ultrasound imaging
8. Subarachnoid hemorrhage
9. Role of imaging and intervention in rural arteriovenous fistula
10. Imaging in laryngeal carcinoma

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Rajiv Gandhi University of Health Sciences, Karnataka

MD Degree Examination – NOV-2018

Time: Three Hours Max. Marks: 100 Marks

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. Discuss newer imaging contrast media.
2. Discuss role of conventional radiology and newer imaging modalities.
3. Osteoid osteoma.
4. Digital Subtraction Angiography
5. Perthe's disease
6. Radiological anatomy of larynx
7. Radiographic grids, its types and applications
8. Radiation protective devices and recent Atomic Energy Regulatory Board (AERB) guidelines
9. AERB guidelines for radiation safety
10. Sonohysterography

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M.D. Degree Examination - NOV 2018

[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. Differential diagnosis of right iliac fossa pain in female and imaging features of ileo-caecal Koch's
2. Describe in detail radiological imaging of acute pancreatitis and its complication.
3. Intussusception
4. Congenital diaphragmatic hernia
5. Imaging of Biliary atresia
6. Virtual bronchoscopy
7. GIST – radiological findings and differential diagnosis
8. Barium swallow techniques – Imaging finding in Esophageal candidiasis
9. Diagnosis of pulmonary infarction
10. Imaging in adrenal neoplasms

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – NOV 2018

[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. Classify the renal tumours. Discuss the radiological imaging and radiological management of rena cell carcinoma.
2. Discuss the types of aortic dissection and role of radiological imaging and radiological managemen of dissection.
3. Imaging in ectopic gestation
4. Anterior and posterior urethral valves
5. IVC filters
6. Tetrology of fallot
7. Transrectal ultrasound of prostate
8. Hysterosalphingography
9. Imaging in intrauterine fetal death
10. Define fetal hydrops. Enumerate its causes and describe its sonographic findings.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – NOV - 2018

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

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. Classify meningiomas. Discuss role of imaging
2. Role of MR imaging in renal diseases
3. Accoustic neuroma
4. Sacrococcygeal teratoma
5. Osteopetrosis
6. Fistulogram
7. MR in soft tissue lesions
8. Ovarian cyst – interventional procedures
9. Radiological features in neurological complication of AIDS
10. Functional imaging of Brain

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