Rajiv Gandhi University of Health Sciences, Karnataka

Post-Graduate Diploma Examination - 29-Jul-2021

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

DIPLOMA IN MEDICAL RADIO DIAGNOSIS (D.M.R.D)
PAPER – I (RS-2/RS-3)
Q.P. CODE: 7131

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. Define scatter radiations. Comment briefly on the parameters which influence scatter radiation and methods to reduce scatter radiation.
2. Write in brief the principles and types of digital radiography. Outline its advantages and disadvantages.
3. Enumerate the indications of foetal MRI. Comment on its limitations.
4. Role of nuclear medicine in ischaemic heart disease.
5. Describe the normal anatomy of coronary arteries and role of CT in coronary artery diseases.
6. Pathogenesis and imaging of pulmonary sequestration
7. Imaging in acute chest trauma
8. Pan coast tumour
9. Imaging in rotator cuff lesions
10. Imaging of low back pain

Post-Graduate Diploma Examination – 31-Jul-2021

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

Diploma in Medical Radio Diagnosis (D.M.R.D)
PAPER – II (RS-2/RS-3)
Q.P. CODE: 7132

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 development of mid gut. Describe the imaging findings of mid gut malformation and mid gut volvulus on various imaging modalities.
2. Classify adrenal tumours and role of CT and MRI in evaluating them.
3. Radiological approach in cyanotic heart disease
4. Pathophysiology and imaging of mitral value disease
5. MRI of cardiac tumours
6. Imaging in postoperative stomach
7. CT and endoscopic ultrasound staging of esophageal carcinoma
8. Imaging features of hepatocellular carcinoma and its interventional management
9. Colour doppler and CT features in portal hypertension
10. What is pancreatic divisum? Briefly discuss its embryologic basis and clinical significance. What are ERCP, MRCP and MDCT findings?

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Rajiv Gandhi University of Health Sciences, Karnataka

Post-Graduate Diploma Examination – 02-Aug-2021

Time: Three Hours | Max. Marks: 100 Marks

DIPLOMA IN MEDICAL RADIO DIAGNOSIS (D.M.R.D)
PAPER – III (RS-2/RS-3)
Q.P. CODE: 7133
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 role of CT and MRI in diagnosis of seizures disorder.
2. Write short notes on:
   a. Ultrasound examination in last trimester of pregnancy
   b. Mammogram
   c. Vertebral biopsy
3. Radionuclide imaging of thyroid.
4. Functional MRI to brain.
5. Imaging features of prostatic carcinoma.
6. Radiology of brachial plexopathy.
7. Discuss the concept of molecular imaging. What are various modalities used in Molecular imaging?
8. Role of MRI in pregnant patient with acute abdominal pain.
9. Role of diffusion weighted imaging in diagnosis of intracranial tumors.
10. Write short notes on :
    a. Undescended testis
    b. MR Tensor imaging
    c. Breast calcifications

Rajiv Gandhi University of Health Sciences, Karnataka

POST-Graduate Diploma Examination – 12-Nov-2021

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

DIPLOMA IN MEDICAL RADIO DIAGNOSIS (D.M.R.D)

PAPER – I (RS-2/RS-3)

Q.P. CODE: 7131

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. Sonological markers of chromosomal abnormalities.
2. Ct Cisternogram.
3. Le-Fort fractures.
4. Meningo myelocele.
5. Pulmonary Venous Hypertension.
6. Gastric bezoars.
7. Oncocytoma.
8. Doppler findings in IUGR.
9. Venous infarct.
10. Lung Herniation and various modalities of imaging.

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Post-Graduate Diploma Examination - 17-Nov-2021

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

DIPLOMA IN MEDICAL RADIO DIAGNOSIS (D.M.R.D)

PAPER – III (RS-2/RS-3)

Q.P. CODE: 7133

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. Describe detail about Cerebral angiography and its role in cerebral tumours.
2. Role of imaging in the evaluation of renal artery stenosis.
3. Imaging in multiple system atrophy
4. Write briefly on acute scrotum.
5. Role of CT in vertebral trauma
6. Imaging in prostatic malignancy
7. High resolution sonography in retinal diseases
8. Imaging features of cerebello pontine angle tumours
9. Antenatal MRI
10. Doppler evaluation in IUGR

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