

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination – April/May 2017

Time : 3 Hrs.

[Max. Marks : 100]

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

PAPER I

Q.P Code : RS-D3551

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Imaging anatomy of the knee joint.
2. MR contrast agents.
3. Radiation protection devices.
4. Lung changes in mitral stenosis.
5. Embryology and anatomy of pancreas.
6. Radiological anatomy of hypopharynx and larynx. Discuss the role of imaging in assessment of laryngeal pathology.
7. Treatment of contrast media reaction.
8. CT anatomy of temporal bone.
9. Cystro adenomatord malformations.
10. Dual source CT.

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

PAPER II

Q.P Code : RS-D3552

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Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Write about imaging of oesophageal motility disorder and achalasia cardia.
2. Write about imaging of intussusception in adults.
3. Discuss about imaging in crohn's disease.
4. Write about USG features of cirrhosis of liver.
5. Classification of pancreatic tumors and imaging features of pancreatic head carcinoma.
6. MRCP in choledocholithiasis.
7. Role of cardiac CT in coronary artery disease.
8. Write about imaging in coarctation of aorta.
9. Write about chest radiographic features of pulmonary arterial hypertension and ASD.
10. Indications and technique of bronchial artery embolization.

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

PAPER - III

Q.P Code : RS-D3553

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Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Enumerate the complications of renal transplant surgery? Describe the imaging approach in diagnosing them.
2. Discuss the role of imaging in vesico-ureteral reflux.
3. Describe the physical principles of elastography. Discuss the role of elastography in the diseases of breast.
4. Discuss the role of MR spectroscopy in characterisation of brain lesions.
5. Enumerate the imaging features of benign and malignant lesions on mammography.
6. Describe the types of intrauterine growth retardation. How would you assess IUGR by ultrasound.
7. Classify spinal dysraphism and discuss the radiological features of diastematomyelia.
8. Enumerate the differential diagnosis and radiological features of exophthalmos. What is the role of interventional radiology in pulsating exophthalmos?
9. What are the causes of sub arachnoid haemorrhage? Discuss the radiological approach in a suspected case of subarachnoid haemorrhage?
10. Discuss briefly the differential diagnosis of various space occupying lesions of cerebello-pontine angle?