

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Diploma Examination - May 2018**

**Time : 3 Hrs**

**Max Marks : 100**

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

**Paper - I**

**Paper Code : RS-D3551**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Radiological findings of various rib lesions.
2. Discuss the role of radiologist in the management of suspected case of pulmonary thromboembolism.
3. Role of chest x ray in emergency department.
4. Imaging findings in seronegative arthropathies.-
5. Enumerate the radio isotopes used in skeletal imaging. Discuss the role of radio nuclide imaging in neoplastic lesions of bones.-
6. Describe in detail imaging features of Fibrous dysplasia
7. With the help of diagram describe the anatomy of adrenal glands. Describe imaging features in various lesions of adrenal glands.
8. What are the different methods and different ways of radiation protection.
9. Describe the side effects of iodinated I.V contrast. How would you treat anaphylaxis?
10. Discuss in detail Sonomammography.

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

**Paper - II**

**Paper Code : RS-D3552**

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*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Describe the Imaging features in acute appendicitis.
2. Discuss the role of computed tomography (CT) in the evaluation of esophageal malignancy.
3. Imaging features in inflammatory bowel disease (IBD)
4. Describe various adrenal tumors. Imaging features of adrenal lipoma.
5. Focal splenic lesions- differential diagnosis.
6. Doppler findings in portal hypertention
7. Development of heart. Discuss about cyanotic congenital heart disease.
8. Imaging features of Takayasu arteritis.
9. Discuss the etiology of pericardial effusion and describe the diagnostic radiological features.
10. Describe the role of venography in the evaluation of lower limb venous disorders.

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

**Paper - III**

**Paper Code : RS-D3553**

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*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Classify cystic diseases of the kidney. Describe the imaging features in polycystic kidney.
2. Enumerate renal masses in children. Describe in detail the radiological and imaging features of Wilm's tumour.
3. Write role of imaging in acute scrotal pain and mention the points to differentiate testicular inflammation from ischaemia
4. Radiological evaluation in mullerian duct anomalies of uterus.
5. Discuss in detail the imaging of ectopic pregnancy and its differential diagnosis.
6. Describe the causes and imaging investigation in a 25 yrs old patient with intracerebral haemorrhage.
7. Describe the imaging features in spinal vascular malformations?
8. Describe the anatomy of sellar and parasellar area. Discuss the imaging features of craniopharyngioma along with its differential diagnosis.
9. Imaging in intraocular masses.
10. Describe the applications of digital mammography.