

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

*(A DEEMED TO BE UNIVERSITY)*

**Post Graduate Diploma Examination - June/July 2020**

**Time : 3 Hrs**

**Max Marks : 100**

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

**Paper-I**

**QP Code: D2171**

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

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Discuss the role of HRCT in diagnosis of interstitial lung disease.
2. Fungus ball and its differential diagnosis.
3. Discuss the role of imaging in chest trauma.
4. Discuss pathogenesis and imaging features in degenerative osteoarthritis.
5. Imaging features of enchondroma and chondrosarcoma.
6. Describe the imaging features osteopetrosis.
7. Describe anatomy of knee joint and discuss role of MRI in the evaluation of the knee joint meniscal injuries.
8. Describe scatter radiation and write a note on how to prevent them.
9. Discuss the adverse effects of iodinated I.V contrast. How would you treat them?
10. Discuss with a neat diagram the construction of an ultrasound transducer. What are principles and various parameters used in colour Doppler?

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

*(A DEEMED TO BE UNIVERSITY)*

**Post Graduate Diploma Examination - June/July 2020**

**Time : 3 Hrs**

**Max Marks : 100**

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

**Paper-II**

**QP Code: D2172**

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

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Role of X ray in acute abdomen.
2. Discuss the imaging approach to an elderly patient with dysphagia.
3. Role of CT enteroclysis in IBD
4. Write a note on CT enteroclysis.
5. Discuss about the imaging in exocrine tumors of pancreas.
6. Ultrasound and Doppler findings in portal hypertension.
7. Describe the imaging findings of coarctation of aorta on plain radiograph, barium contrast study and MRI .
8. Imaging features of Takayasu arteritis.
9. Discuss the role of imaging in evaluation of pancreatic tumors.
10. Describe the venous anatomy of lower limb with the help of a diagram. Describe the technique of color doppler imaging of lower limb veins and imaging features of deep Vein thrombosis

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

*(A DEEMED TO BE UNIVERSITY)*

**Post Graduate Diploma Examination - June/July 2020**

**Time : 3 Hrs**

**Max Marks : 100**

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

**Paper-III      QP Code: D2173**

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

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. A 35-year old security guard presented with leg swelling of long duration. What are the venous Doppler findings in this patient?
2. Discuss the present day imaging approach in the management of stroke.
3. Enumerate benign uterine conditions. Discuss the imaging in uterine fibroids.
4. Describe the imaging manifestations of CNS tuberculosis.
5. Discuss the role of functional MRI in brain lesions?
6. Discuss briefly differential diagnosis of various space occupying lesion of CP angle. Describe the imaging features of acoustic schwannoma.
7. Enumerate the imaging features of benign and malignant lesions on mammography?
8. Describe in detail the imaging features of acute scrotum.
9. What is the composition of various renal stones. Describe the imaging approach in diagnosing a radiolucent calculus.
10. Discuss briefly a. Renal abscess, b. Xanthogranulomatous pyelonephritis.