

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination - November 2019

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 imaging features, patterns and differential diagnosis of air space consolidation
2. Describe imaging features of bronchiectasis.
3. Role of chest x ray in emergency department.
4. Discuss imaging features in rheumatoid arthritis.
5. Write briefly about radio-nuclide imaging in evaluation of skeletal metastasis.
6. Imaging findings in acute and chronic osteomyelitis.
7. Describe the anatomy of adrenal glands. Discuss the radiological and imaging techniques used in the diagnosis of the lesions of adrenal glands.
8. What are the different methods and different ways of radiation protection.
9. Discuss the role of radionuclide scan in evaluation of a skeletal lesion.
10. Ultrasound transducers.

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Paper-II QP Code: D2172

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LONG ESSAY

10 X 10 = 100

1. Discuss differential diagnosis and radiological approach to a case of right iliac fossa mass.
2. Radiologic features of gastric malignancies.
3. CT findings in a case of ileocecal tuberculosis.
4. Discuss the role of imaging in evaluation of gastrointestinal bleeding.
5. Discuss about endocrine tumors of pancreas.
6. Role of imaging in hepatic hydatid disease.
7. Describe the types and imaging features of abnormal pulmonary venous drainage.
8. Discuss the role of various imaging modalities in restrictive cardiac disease.
9. What are the causes of aortic aneurysm? Discuss the role of X-ray, CT, Ultrasound, MRI and angiography in evaluating aortic aneurysms?
10. Describe the role of colour Doppler in the evaluation of lower limb venous insufficiency.

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Paper-III QP Code: D2173

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LONG ESSAY

10 X 10 = 100

1. Discuss the sequences used in MR cholangiogram and list the advantages of MRCP over ERCP? (4+6)
2. Describe the types of intrauterine growth retardation. How do you assess IUGR by ultrasound?(4+6)
3. What are the categories of renal injury. Discuss the radiological investigations and appearances in a case of renal trauma.(4+6)
4. What are the causes of subarachnoid hemorrhage? Discuss the radiological approach in a patient presenting with 'thunder clap' headache.(3+7)
5. Discuss briefly differential diagnosis of various space occupying lesion of CP angle. Describe the imaging features of acoustic schwannoma.(3+7)
6. Discuss the radiological manifestations of neurocysticercosis.(10)
7. Classify cystic diseases of the kidney. Describe the imaging features in polycystic kidney.(4+6)
8. Common causes of acute abdomen in a young female, imaging features of torsion ovary.(4+6)
9. Describe the imaging features of corpus callosal agenesis. (10)
10. Describe mammography v/s MRI features in breast malignancies.(10)