

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination – April / May 2014

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. Discuss the anatomy of diaphragm and describe the radiological features of congenital diaphragmatic hernia.
2. Image formation in computed radiography.
3. Discuss the role of radionuclide studies in the biliary tract.
4. Discuss the basis of Doppler ultrasound and its role in the evaluation of carotid artery.
5. Plain X-ray findings in primary pulmonary tuberculosis.
6. Radiological evaluation of solitary pulmonary nodule.
7. Differential diagnosis of posterior mediastinal masses.
8. Discuss the differential diagnosis of epiphyseal bone tumors.
9. Radiological findings in rheumatoid arthritis.
10. Skeletal findings in mucopolysaccharidoses.

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PAPER II

Q.P Code : RS-D3552

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LONG ESSAY

10 X 10 = 100 Marks

1. Discuss the pathology and imaging features and interventional radiology in mesenteric artery thrombosis.
2. Describe the imaging findings in acute and chronic pancreatitis.
3. Write a note on C.T enterolysis.
4. Discuss the role of Doppler uses in peripheral vascular diseases.
5. Discuss the methods of investigations in portal hypertension and role of interventional procedures.
6. Role of imaging in lesions causing per rectal bleeding and the interventional procedures which will help to control this.
7. Mention the causes of obstructive jaundice and how do you evaluate as a radiologist.
8. Enumerate large intestinal neoplasms and how do you evaluate them.
9. Discuss in details the role of plain X-rays in acute abdomen.
10. Write a note on adrenal gland neoplasms and the role of a radiologist in current clinical scenario in approaching them.

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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. Discuss the role of ultrasonography in ectopic pregnancy.
2. Enumerate the causes of non-traumatic intracranial haemorrhage. Mention the imaging techniques and salient features in them
3. Classify tumours involving the spinal cord. Discuss differential diagnosis and radiological features of intra-dural extra-medullary spinal lesions.
4. What are the various MR imaging features in cerebral tuberculosis?
5. Discuss the expansile lesions in the mandible, and their radiological features.
6. Briefly enumerate the role of Sonography in I.U.G.R
7. Which are the common intra axial lesions in cranio-crebral trauma? Enumerate the locations for a diffuse axonal injury and discuss their imaging features.
8. Describe principle of ultrasound elastography and its clinical applications. Briefly discuss its usefulness in evaluation of BIRAD 3 lesions.
9. What are the common seller and parasellar lesions? Discuss the imaging features of cranio-pharyngioma.
10. Write in brief about technique, indications, contraindications, and complications of radiofrequency ablation in hepatic lesions.

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