

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination – April / May 2015

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. Describe the anatomy of Gastro-oesophageal junction and Patho-physiology of Hiatus hernia.
2. Describe the various types of Grids and their effect on image formation.
3. Discuss the role of radionuclide studies in evaluation of Gastro intestinal hemorrhage.
4. Describe the side effects of iodinated I.V contrast. How would you treat anaphylaxis.
5. What are the indications of small bowel enema and how would you perform the procedure.
6. Imaging features in pulmonary sequestration.
7. Discuss the imaging evaluation of a patient suspected to have pulmonary embolism.
8. Discuss the differential diagnosis of anterior mediastinal masses.
9. Discuss the radiological evaluation of developmental dysplasia of the hip.
10. Skeletal manifestations in hyperparathyroidism.

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PAPER II

Q.P Code : RS-D3552

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LONG ESSAY

10 X 10 = 100 Marks

1. Mention radiological and imaging features of cyanotic congenital heart diseases.
2. Write in brief on the pathology and radiological appearance of portal hypertension and role of interventional radiology.
3. Discuss the radiological and imaging methods of investigations of pheochroma cytoma.
4. Write a note on MRI in small Bowel Lesions.
5. Discuss the radiological features of pulmonary hypertension. How do you classify and grade them?
6. Discuss the role of radiology and imaging in cases of gastrointestinal bleeding.
7. Discuss the differential diagnosis of “Mass” in “Right Iliac fossa”. How will you investigate such a case to arrive at correct diagnosis.
8. Discuss the role of imaging in focal non-inflammatory benign lesions of liver?
9. Enumerate the various causes of splenomegaly and describe the brief their radiological features.
10. “Discuss the role of per-operative ultrasonography in the management of disease of liver and pancreas”.

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PAPER III

Q.P Code : RS-D3553

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LONG ESSAY

10 X 10 = 100 Marks

1. Magnetic resonance spectroscopy.
2. Posterior fossa tumors-pediatric age group.
3. Ring lesions of brain.
4. Imaging-degenerative spine disease.
5. Vein of galen aneurysm.
6. Obstetric Doppler in intra uterine growth retardation.
7. Imaging of thyroid.
8. Hematuria-imaging.
9. Vesicoureteric reflux.
10. CT (Computed Tomography) perfusion.

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