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SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – April / May - 2012

Time : 3 Hrs.

[Max. Marks : 100]

M.D. RADIO-DIAGNOSIS

PAPER - I

Q.P Code : 3501

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*



LONG ESSAY

2 X 20 = 40 Marks

1. Describe the principles of computed tomography with special emphasis on multi detector CT and recent advances.
2. Describe calcium metabolism and discuss the Radiological findings in hyper Parathyroidism.

SHORT ESSAY

6 X 10 = 60 Marks

3. MR Angiography
4. Ultrasound contrast Media
5. Filmless Radiology
6. Ankylosing Spondylitis
7. Scatter Radiation
8. Doppler Principle

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M.D. RADIO-DIAGNOSIS

PAPER - II

Q.P Code : 3502

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Draw neat labelled diagrams wherever necessary.*



LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the imaging challenges in acute pancreatitis
2. Discuss the role of HRCT in interstitial lung disease

SHORT ESSAY

6 X 10 = 60 Marks

3. Radiofrequency ablation of hepatic neoplasm.
4. Evaluation of suspected small bowel obstruction
5. Colonic strictures – aetiology and imaging diagnosis
6. Anterior mediastinal masses in children
7. Role of chest radiograph and CT in AIDS
8. Hypertrophic pulmonary osteoarthropathy

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PAPER III

Q.P Code : 3503

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Draw neat labelled diagrams wherever necessary.



LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the imaging features and role of interventional radiology in peripheral arterial diseases.
2. Discuss the role of imaging in renal infection

SHORT ESSAY

6 X 10 = 60 Marks

3. Ultrasonography in female infertility
4. Imaging and intervention in aortic dissection
5. Fat containing renal mass lesions
6. Imaging in pulmonary embolism
7. Ectopic pregnancy
8. Role of sonography in intrauterine growth retardation

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M.D RADIO-DIAGNOSIS

PAPER IV

Q.P Code :3504

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LONG ESSAY

2 X 20 = 40 Marks

1. "Discuss the present day radiological approach in the management of stroke".
2. "Discuss the radiological approach to the diagnosis of demyelinating diseases of brain and spinal cord".

SHORT ESSAY

6 X 10 = 60 Marks

3. Epistaxis: role of radiology
4. Choroidal and retinal lesions radiological approach
5. Mandibular lesions D/D
6. Soft tissue tumours and skin lesions role of radiological evaluation
7. Mammography v/s MRI in breast malignancies
8. Lytic lesions of the skull D/D

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