

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – April / May - 2014

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. Draw a diagram of image intensifier and write in detail its construction and uses in radiology.
2. Discuss etiology and imaging appearances in a vascular necrosis of femoral head.

SHORT ESSAY

6 X 10 = 60 Marks

3. MR contrast media.
4. Segmental anatomy of liver and its importance.
5. Nephrogenic systemic fibrosis.
6. Computed radiography (CR)
7. Paget's disease of bone.
8. Skeletal manifestations of histiocytosis.

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M.D RADIO-DIAGNOSIS

PAPER - II

Q.P Code : 3502

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 indications and techniques of HRCT of Lung. Discuss the differential diagnosis of interstitial lung diseases with a brief description of the imaging features in each condition.
2. Describe the recent advances in imaging of the small bowel.

SHORT ESSAY

6 X 10 = 60 Marks

3. Achalasia cardia.
4. Silhouette sign.
5. “ CT Pulmonary angiography”
6. Superior mesenteric artery syndrome.
7. Carcinoid Tumors.
8. Differential diagnosis of anterior mediastinal masses.

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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 role of interventional radiology in biliary system.
2. Discuss the role of radiology and radioisotopes in the diagnosis of renal hypertension.

SHORT ESSAY

6 X 10 = 60 Marks

3. Papillary necrosis.
4. Ebstein's anomaly.
5. Xanthogranulomatous pyelonephritis.
6. Sonological soft markers helpful in detecting foetal genetic abnormalities.
7. MR in staging of carcinoma of cervix.
8. Spectral Doppler findings in mid SFA occlusion with reformation of popliteal artery.

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M.D RADIO-DIAGNOSIS

PAPER - IV

Q.P Code : 3504

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Enumerate neurocutaneous syndromes and describe imaging in any two of these.
2. Describe role of imaging of the neurological complication of AIDs.

SHORT ESSAY

6 X 10 = 60 Marks

3. Juvenile angiofibroma.
4. Imaging in pulsatile proptosis.
5. BIRAD classification.
6. Intraspinal dermoid.
7. Common paediatric posterior fossa mass lesion.
8. Epidural haematoma.

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