

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – April/May - 2017

Time : 3 Hrs.

[Max. Marks : 100]

M.D. RADIO-DIAGNOSIS

PAPER - I

Q.P Code : RS 3501

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Dual source CT.
2. Pet in evaluation of GIT.
3. Advantages and disadvantages of CR and DR.
4. Secondary pulmonary lobule-Radiology-Pathological correlation.
5. Role of MRI in breast disease.
6. Types of periosteal reactions? Imaging features of osteomyelitis.
7. Role of imaging in spinal trauma.
8. Perthe's disease.
9. Developmental dysplasia of HIP.
10. MR imaging of spinal bone marrow.

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M.D. RADIO-DIAGNOSIS

PAPER - II

Q.P Code : RS-3502

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Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Write about imaging features various bronchiolitis.
2. Discuss about role of chest imaging in critically ill post operative patients.
3. Imaging features of interior mediastinal mass with calcification.
4. CT features of various colitis.
5. Imaging features of mechanical small bowel obstruction.
6. GIT manifestation in HIV infection.
7. Discuss the imaging approach to arterial phase enhancing focal liver lesions.
8. Imaging approach to cystic tumours of pancreas.
9. MRCP features of
 - a) Pancreatic divisum
 - b) Carolis disease
10. Causes for unilateral hyperlucent chest radiograph in a neonate with respiratory distress.

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PAPER - III

Q.P Code : RS-3503

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LONG ESSAY

10 X 10 = 100 Marks

1. Briefly describe pulmonary arterial anatomy, role of radiologist in management pulmonary thromboembolism.
2. Role of MDCT in evaluation of an elderly patient presenting to the Emergency Room with acute chest pain.
3. a) Total Anomalous Pulmonary Venous Drainage
b) VSD
4. a) Aortic dissection.
b) Ultrasound and Color Doppler features of DVT.
5. a) Left to Right shunts.
b) Radiography in cardiomegaly and individual chamber enlargement.
6. Role of radiologist in evaluating enlargement suspected cases of hypertension of renal origin.
7. Causes of Hematuria and imaging approach in a case.
8. Describe types of IUGR and the role of a radiologist.
9. a) Pseudo tumors of kidney.
b) Posterior urethral valves.
10. a) Imaging in lower urinary tract obstruction.
b) Varicocele.

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M.D. RADIO-DIAGNOSIS

PAPER - IV

Q.P Code : RS-3504

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 role of perfusion imaging in ischaemic stroke.
2. Write briefly about cranial nerves imaging MRI technique and discuss about seventh cranial nerve lesions.
3. Discuss the role of imaging in viral infections of CNS.
4. Imaging of extradural cervical cord compression.
5. Write about imaging of suspected case of cavernous sinus thrombosis.
6. Discuss the role of tirads in thyroid imaging.
7. Write about imaging of pseudo tumour orbit and its differential diagnosis.
8. Digital breast tomosynthesis.
9. Write about hifu and its role in uterine fibroids.
10. Arterial spin labeling.

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