

# SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

POSTGRADUATE EXAMINATION MAY 2022

Summative Assessment

Time : 180 Minutes

Date : 09-05-2022

MaxMarks : 100 Marks

## RADIOLOGY – PAPER – I QP CODE:- P3171

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

1. Describe the different ways of radiation protection?
2. Enumerate the factors affecting the radiographic image quality. How will you improve the radiographic quality?
3. Classify intravenous iodinated contrast media. What are the advantages of newer generation of contrast media?
4. Discuss the principle of radionuclide imaging and its role in evaluation of a skeletal lesion.
5. What are the MR sequences performed in a patient presenting with meniscal injury. Classify meniscal tears and discuss the imaging findings.
6. Radiological features in Rheumatoid arthritis.
7. Describe the skeletal manifestations of Langerhan cell histiocytosis.
8. Describe various types of periosteal elevations. What are the radiological features of benign and malignant periosteal reactions.
9. Discuss salient imaging features of osteogenesis imperfecta.
10. Describe the anatomy of adrenal glands. Write radiological and imaging techniques used in the diagnosis of adrenal gland lesion.



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POSTGRADUATE EXAMINATION MAY 2022  
Summative Assessment

Time : 180 Minutes

MaxMarks : 100 Marks

Date : 11-05-2022

RADIOLOGY – PAPER – II QP CODE:- P3172

*Your answer should be specific to the question asked  
Draw neat labeled diagrams wherever necessary*

1. Describe imaging features of lymphangitis carcinomatosa.
2. Enumerate the patterns of lung disease on HRCT and briefly discuss the differential diagnosis.
3. Describe the imaging features of cystic mediastinal lesions.
4. Enumerate occupational lung diseases. Describe plain radiographic and CT findings in asbestosis.
5. Discuss in details the role of plain X-rays in evaluation of acute abdomen.
6. USG and CT Imaging in gastrointestinal stromal tumors.
7. How will you radiologically investigate a suspected case of ulcerative colitis?
8. Discuss the role of ultrasound, CT, and MRI in evaluation of diffuse liver disease.
9. Describe in detail about evaluation of splenic lesions and its imaging findings.
10. Discuss in detail on use of radiofrequency ablation for treatment of hepatic neoplasm.





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80 Minutes

MaxMarks : 100 Marks

13-05-2022

**RADIOLOGY – PAPER – III QP CODE: P3173**

*Your answer should be specific to the question asked  
Draw neat labeled diagrams wherever necessary*

1. Classify congenital heart diseases. Discuss the imaging features of ASD and PAPVR.
2. Myocardial perfusion scan.
3. Classify aortic dissection. Describe the role of CT angiography in diagnosis and management of aortic dissection.
4. Describe the radiology and imaging features in tuberculosis of urinary tract.
5. Describe the CT findings in renal trauma with emphasis on bladder injuries and their classification.
6. Discuss various conditions causing acute scrotum and ultrasound features of the same.
7. NT Scan.
8. Describe the sonological features helpful in detecting molar pregnancy.
9. Write ultrasound and MRI features of endometriosis.
10. Discuss the etiology and imaging evaluation of DVT.



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POSTGRADUATE EXAMINATION MAY 2022  
RADIOLOGY – PAPER – IV QP CODE:- P3174

Time : 180 Minutes

Date : 16-05-2022

Max Marks : 100 Marks

*Your answer should be specific to the question asked  
Draw neat labeled diagrams wherever necessary*

1. Describe various stages of cerebral abscess and its CT & MRI features.
2. Discuss differential diagnosis of CP angle space occupying lesions. Describe the imaging features of meningioma.
3. Discuss the differential diagnosis of inherited white matter diseases and write the imaging features in a case of Krabbes disease.
4. Describe the CT & MRI features in a case of corpus callosal agenesis.
5. Classify various orbital lesions. Describe imaging features of extraconal and intraconal mass lesions.
6. Describe briefly about differential diagnosis of cystic mandibular lesions and their imaging features.
7. Enumerate intramedullary spinal tumors and add a note on spinal ependymoma.
8. Classify soft tissue tumors and describe the imaging features of vascular soft tissue tumors.
9. List the various interventional radiological procedures in the biliary tract? Discuss the indications, contraindications, procedure and complications of percutaneous transhepatic biliary drainage.
10. Multiparametric MR imaging of the prostate.

