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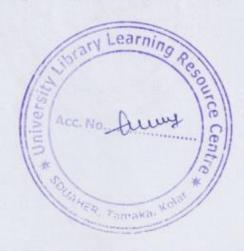
#### SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

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?
- 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.
- What are the MR sequences performed in a patient presenting with meniscal injury. Classifymeniscal tears and discuss the imaging findings.
- 6. Radiological features in Rheumatoid arthritis.
- 7. Describe the skeletal manifestations of Langerhan cell histiocytosis.
- Describe various types of periosteal elevations. What are the radiological features of benign and malignant periosteal reactions.
- Discuss salient imaging features of osteogenesis imperfecta.
- Describe the anatomy of adrenal glands. Write radiological and imaging techniques used in the diagnosis of adrenal gland lesion.



## RI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

POSTGRADUATE EXAMINATION MAY 2022
Summative Assessment

Time: 180 Minutes Date: 11-05-2022

RADIOLOGY - PAPER - II QP CODE:- P3172

MaxMarks: 100 Marks

1792

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

- Describe imaging features of lymphangitis carcinomatosis.
- 2. Enumerate the patterns of lung disease on HRCT and briefly discuss the differential diagnosis.
- Describe the imaging features of cystic mediastinal lesions.
- Enumerate occupational lung diseases. Describe plain radiographic and CT findings inasbestosis.
- Discuss in details the role of plain X-rays in evaluation of acute abdomen.
- 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.
- 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.



### SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH POSTGRADUATE EXAMINATION MAY 2022

80 Minutes 13-05-2022 MaxMarks: 100 Marks

#### 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.
- Myocardial perfusion scan.
- Classify aortic dissection. Describe the role of CT angiography in diagnosis and management of aortic dissection.
- Describe the radiology and imaging features in tuberculosis of urinary tract.
- 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.



# SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH 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

- Describe various stages of cerebral abscess and its CT & MRI features.
- Discuss differential diagnosis of CP angle space occupying lesions. Describe the imagingfeatures of meningioma.
- Discuss the differential diagnosis of inherited white matter diseases and write the imagingfeatures in a case of Krabbes disease.
- Describe the CT & MRI features in a case of corpus callosal agenesis.
- Classify various orbital lesions. Describe imaging features of extraconal and intraconal mass lesions.
- Describe briefly about differential diagnosis of cystic mandibular lesions and their imagingfeatures.
- Enumerate intramedullary spinal tumors and add a note on spinal ependymoma.
- Classify soft tissue tumors and describe the imaging features of vascular soft tissue tumors.
- 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.

