

SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Post Graduate Diploma Examination - Apr/May 2019

Time : 3 Hrs

Max Marks : 100

DIPLOMA IN RADIO-DIAGNOSIS (D.M.R.D)

Paper-I QP Code: D2171

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Describe the imaging features of diaphragmatic hernia
2. Briefly describe CT pulmonary angiography, its procedure and advantages.
3. Describe the imaging features of Wegener's granulomatosis.
4. X-ray findings in rheumatoid arthritis.
5. What are the various types of periosteal elevations in benign and malignant conditions.
6. Describe sequence of changes seen in acute and chronic osteomyelitis as seen on plain x ray. Discuss role of isotopes, ultrasound, CT & MRI in its diagnosis.
7. MRI anatomy of prostate gland.
8. Write a neat labelled diagram of X ray tube and describe its features.
9. Discuss Factors affecting image quality in computed tomography.
10. Paramagnetic contrast media.

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Paper-II QP Code: D2172

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LONG ESSAY

10 X 10 = 100

1. Role of X ray in acute abdomen.
2. Role of imaging in lymphoma of the stomach.
3. Discuss the role of imaging in caecal and sigmoid volvulus.
4. Write a note on adrenal gland neoplasms and the role of a radiologist in current clinical scenario in approaching them.
5. Imaging in splenic lesions.
6. Cystic lesions of liver
7. What is the etiology of mitral stenosis? Describe the plain radiographic features in mitral stenosis.
8. Describe the angiographic features of aortarteritis and discuss the role of interventional radiology in the management of aortoarteritis.
9. Discuss the imaging features and role of interventional radiology in peripheral arterial disease.
10. What are the various interventional techniques in radiology available for aneurysmal rupture of the mesenteric artery?

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Paper-III QP Code: D2173

Your answers should be specific to the questions asked.

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LONG ESSAY

10 X 10 = 100

1. Discuss the role of radiology and imaging in diagnosing malignant and benign ovarian tumours.
2. Enumerate different gynecological malignancies. Discuss the role of MRI in endometrial carcinoma.
3. Discuss the role of imaging in renal trauma.
4. Classify bladder neoplasm and an approach to a case of bladder mass.
5. Enumerate the causes of leukocoria. Discuss the radiological features of retinoblastoma.
6. Enumerate causes of orbital masses. Discuss imaging features of two common causes in an adult.
7. What are the various CNS infections in AIDS? Describe the imaging features in Toxoplasmosis.
8. Discuss the role of ultrasound in evaluation of complications in early pregnancy.
9. Anatomy of circle of Willis and imaging features of aneurysms of this region.
10. Discuss the role of MRI in diagnosis of inherited white matter disease?