

June-2020

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time : 3 Hours]

[Max.Marks : 100]

**MD RADIOLOGY – PAPER – I
QP CODE: 5061**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. What is the principle of MR contrast enhancement? Describe any two organ specific contrast agents and their clinical applications.
2. Describe anatomical variations in Circle of Willis with the help of a diagram. Enumerate the sites of intracranial aneurysm.

Short Essay

(6x10=60 Marks)

3. Low osmolar contrast media.
4. Discuss the recent advances in Mammography.
5. Basic construction of an x-ray tube and recent advances.
6. Ultrasound image artifacts.
7. Radiography Base of Skull.
8. Digital radiography.

June-2020

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time : 3 Hours]

[Max.Marks : 100]

MD RADIOLOGY – PAPER – II

QP CODE: 5062

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Classify polypoidal lesions of the colon. Mention radiological differences between benign and malignant polyps. Discuss salient imaging features of various types of adenomatous polyps.
2. Classify pleural tumors. Briefly discuss chest radiographic & CT findings of malignant mesothelioma.

Short Essay

(6x10=60 Marks)

3. Budd-Chiari syndrome.
4. Non-Invasive evaluation Of Portal Hypertension
5. Pancreatic Endosonography.
6. Describe imaging in splenic injury.
7. Discuss the etiology, Classification, imaging features and complication of choledochal cyst.
8. Gastro-Intestinal Scintigraphy.

June - 2020

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time : 3 Hours]

[Max.Marks : 100]

**MD RADIOLOGY – PAPER – III
QP CODE: 5063**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Describe the normal anatomy of Coronary arteries and discuss the role of MDCT in coronary artery disease.
2. Enumerate the indications and describe the techniques of color doppler in Renovascular hypertension.

Short Essay

(6x10=60 Marks)

3. Role of doppler study in lowest extremity arterial disease.
4. MRI of cardiac tumors.
5. Describe Cystic diseases of the kidney.
6. Testicular germ cell tumors
7. Radiological features of spinal tuberculosis.
8. Write in detail US features of placental evaluation.

June-2020

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max.Marks: 100]

MD RADIOLOGY – PAPER – IV

QP CODE: 5064

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Enumerate the causes of exophthalmos and imaging in unilateral exophthalmos.
2. Role of MR diffusion and MR perfusion imaging in brain tumors.

Short Essay

(6x10=60 Marks)

3. HRCT of Petrous bone,
4. MRI in Alzheimer's disease.
5. CT perfusion in acute stroke.
6. Principles of functional MRI.
7. Role of ultra sound in thyroid lesions.
8. USG in retinal & choroidal detachment.