

April-2022

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 maximum permissible dose? Enumerate various methods of measuring the radiation exposure to a radiologist. Discuss the ways to minimize radiation hazard to the patient and the radiologist.

(5+5+10)
2. Discuss the indication, contraindication and method of MRCP? Compare MRCP with ERCP enumerating advantages and disadvantages of each.

(5+5+5+5)

Short Essay

(6x10=60 Marks)

3. Explain with a well labeled diagram, the anatomy of sella tursica.(10)
4. Describe the radiographic views used in assessing paranasal sinus. (10)
5. Describe the various Generations of CT Scanners with their respective advantages (10)
6. Enumerate USG artifacts and method of minimizing them (4+6)
7. Illustrate the working of a mammography tube (10)
8. Describe with a well labeled diagram the Development Gall bladder and cystic duct . (10)

April-2022

**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. Solitary pulmonary nodule – Discuss differential diagnosis and role of various radiological modalities
2. Cystic lesions of liver differential diagnosis and imaging finding in detail

Short Essay

(6x10=60 Marks)

3. MR fistulogram technique in anal disease
4. Inflammatory bowel disease imaging
5. TB intestine imaging
6. Role of USG in chest disease
7. TRUS evaluation in anal, perianal disease
8. Congenital Cystic adenomatoid Malformation (CCAM)

April-2022

**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. 1 St. Trimester Anomaly Scan
2. How Will You Investigate Radiologically A 60 Yr. Old Diabetic Male with Acute Chest Pain & Breathless.

Short Essay

(6x10=60 Marks)

3. Cyanotic heart disease.
4. Renal angiography.
5. Imaging features of pulmonary hypertension.
6. Skeletal manifestation of hyper para-thyroidism.
7. Tetralogy of fallot.
8. Multicystic dysplastic kidney.

April-2022

**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. Imaging of different manifestation of neurofibroma, basic difference between NF type I & type II, imaging findings in NF – II & extra skeletal manifestations.
2. Imaging of Head injury.

Short Essay

(6x10=60 Marks)

3. Classify neural tube closure defects of brain.
4. How would you differentiate between an extra- axial & intra- axial mass lesion on cranial MRI?
5. Posterior fossa neoplasms of childhood.
6. Fusion imaging.
7. Principles of PET in clinical radiology.
8. Cardiomyopathies- role of MRI.