

BLDE 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. Briefly discuss the physical principles of MRI
2. Biologicals effects of x-rays and Radiation protection methods for a Radiologist doing fluoroscopy

Short essay

(6x10=60 marks)

3. Bronchopulmonary segments
4. Ultra sound contrast agents
5. Principle of Doppler ultrasound and methods of Doppler shift display
6. X-ray tube rating charts and its applications
7. Day light film – handling systems
8. Basic radiographic views of paranasal sinuses

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[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. Enumerate the causes of mechanical small bowel obstruction in an adult. Describe the differentiating features of small and large bowel obstruction on plain radiography. Briefly discuss the role of CT in mechanical small bowel obstruction.
2. Enumerate the causes of superior vena cava syndrome in an adult. Describe the findings of various imaging modalities in a case of central bronchogenic carcinoma.

Short essay

(6x10=60 marks)

3. Classify adrenal tumours and role of CT & MRI in evaluating them.
4. Pathogenesis and imaging of pulmonary sequestration.
5. Tracheoesophageal fistula.
6. Pathogenesis, classification and imaging of Dissecting Aneurysm of Aorta.
7. Imaging of Acute Appendicitis.
8. Role of MRI in evaluating breast lesions

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[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. Evaluation of Foetal G I anomaly
2. Role of Imaging in painful shoulder.

Short essay

(6x10=60 marks)

3. Role of imaging in male infertility
4. Classify the various orbital tumors & role of imaging for its evaluation.
5. Imaging in acute & chronic osteomyelitis.
6. Imaging in multiple sclerosis
7. Urethrogram.
8. CT evaluation of renal trauma.

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[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. Briefly discuss the causes and imaging in Neonatal jaundice. Discuss the role of radio-nucleide imaging in evaluating it.
2. Discuss in detail fusion imaging and its role in evaluating patients suffering from malignant diseases.

Short essay

(6x10=60 marks)

3. Ultrasound contrast media.
4. Radio frequency ablation.
5. CT calcium scoring.
6. Liver elastography.
7. Tele Radiology.
8. Virtual Endoscopy.