

BLDE UNIVERSITY NOV-2017
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.

LONG ESSAY

(2x20=40 Marks)

1. Enumerate the anatomical boundaries of Ant. Mediastinum and discuss role of CT in detection and diagnosis of anterior mediastinal masses
2. Briefly describe CSF pathways. Describe various imaging modalities in evaluating meningitis.

SHORT ESSAY

(6x10=60 Marks)

3. Describe briefly the various techniques you will employ to reduce patient and operator radiation dose in CT angiography.
4. Write briefly on Automatic processor.
5. Discuss radiological anatomy of Larynx and pharynx
6. Describe radiological anatomy of carotid artery and its branches.
7. Write short notes on low osmolar contrast media.
8. Write briefly physical principles of magnetic resonance imaging.

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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.

LONG ESSAY

(2x20=40 Marks)

1. Describe the role of CT in acute abdomen.
2. Enumerate various causes of acute pancreatitis. Briefly discuss various terms used in description of imaging findings of acute pancreatitis and also indicating its severity.

SHORT ESSAY

(6x10=60 Marks)

3. Describe briefly the patho-physiology of pulmonary embolism and the imaging modalities for diagnosis of this entity and their relative merits and demerits.
4. Briefly discuss differentiating features of intra and extra lobar sequestration of lung.
5. Write short notes on Islet cell tumours and their radiological evaluation.
6. Enumerate congenital anomalies of IVC. Comment on role of MRI in their diagnosis.
7. Write short notes on internal hernias.
8. Write in brief imaging features of breast malignancy.

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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.

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LONG ESSAY

(2x20=40 Marks)

1. Describe the anatomy of retroperitoneal fascial spaces. Mention the retroperitoneal Lesions. Describe the various imaging modalities to evaluate them. (4+6+10)
2. Classify cystic lesions of kidney. Discuss in detail the various imaging techniques to evaluate them. (6 + 14)

SHORT ESSAY

(6x10=60 Marks)

3. Write short notes on Neurosonography.
4. Discuss various imaging features and role of interventional radiology in management of uterine Fibroids.
5. Three year old child presented with fever & seizures with altered sensorium of three days duration. Discuss the imaging features of various radiological investigations to diagnose the cause.
6. Discuss imaging features of osteomyelitis with a special reference to MRI.
7. How do you establish chorionicity and amnionicity of twin gestation? Why is it necessary to know it?
8. Write short notes on role of Doppler in obstetrics.

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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. Discuss the role of radio-nucleide imaging in urinary tract disorders in pediatric practice.
2. Discuss the role of radiologist in evaluating an infertile woman and in in-vitro-fertilization.

Short essay

(6x10=60 marks)

3. RFA in liver tumours.
4. PC & PNDT Act-recent development.
5. PACS
6. Functional MRI
7. Dual source CT
8. 4D Ultrasound.