

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.

LONG ESSAY

(2x20=40 Marks)

1. Describe the Radiological Anatomy of the Biliary Tract and mention the Radiological methods of investigation of Biliary Tract.
2. Discuss the Physical Principles of Ultrasonography.

SHORT ESSAY

(6x10=60 Marks)

3. Write briefly on Automatic Processor.
4. Describe the structure of X-ray Tube.
5. Describe the methods of X-ray tube Cooling.
6. Write briefly on Developer Solution.
7. Write briefly on Radiation Monitoring Methods.
8. Write briefly on Patient Screening for 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. Discuss the Radiological & Imaging findings in Bronchogenic Carcinoma.
2. Discuss the Radiological & Imaging findings in Tuberculosis of the
Gastrointestinal Tract.

SHORT ESSAY

(6x10=60 Marks)

3. Discuss the Radiological & Imaging findings in Intussusception.
4. Write briefly on Mammography and its utility.
5. Discuss Radiology of Pleural effusion.
6. What are the findings in Mitral Stenosis on Radiograph of Chest?
7. Write briefly on Pulmonary Aspergillosis.
8. Write briefly on Imaging Pancreatic Pseudocysts.

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[Max.Marks : 100]

MD RADIOLOGY – PAPER -III

QP CODE : 5063

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Draw neat labeled diagrams wherever necessary.

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LONG ESSAY

(2x20=40 Marks)

1. What are the Radiological & Imaging findings in Malignant Ovarian Tumours?
2. What are the Radiological & Imaging findings of Craniopharyngioma?

SHORT ESSAY

(6x10=60 Marks)

3. What are the Ultrasound and Doppler findings in Varicocele?
4. Write briefly on sonography in Placenta Praevia.
5. What are the Imaging findings in Osteoclastoma?
6. Write briefly on Imaging in Thyroid Ophthalmopathy
7. Discuss the Principles of Peripheral Angioplasty.
8. Discuss the methods of Imaging and findings in Acute Stroke.

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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.

LONG ESSAY

(2x20=40 Marks)

1. What is 4 D Ultrasonography? Discuss its indications & utility.
2. Discuss the role of Magnetic Resonance Imaging in Breast lesions.

SHORT ESSAY

(6x10=60 Marks)

3. Write briefly on Diffusion Tensor Imaging & Tractography.
4. Write briefly on Ultrasound contrast media.
5. What is Elastography? What are its indications & utility?
6. Write briefly on PET – CT (Positron Emission Tomography – Computed Tomography).
7. Write briefly on Picture Archiving & Communication System (PACS).
8. Write briefly on Digital Subtraction Angiography.