

July - 2023

**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. Describe the development of stomach. Write a note on Stomach bed.

Briefly describe the radiological anatomy of stomach

(5+5+10)

2. Describe the various MRI sequences used routinely in the MRI of spine. Write a short note on

MR artefacts

(10+10)

**Short Essay**

**(6x10=60 Marks)**

3. Describe with well labelled diagram the Circle of Willis?.

4. What are Photoelectric effect and its application?

5. Discuss the principle of HIFU and its application.

6. Latent image.

7. Discuss the Pressure Injector used in CT

8. Describe the Rotation of Bowel loops during the development with a well labelled diagram.

July - 2023

**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. Discuss principle, technique of Dual Energy CT in detail and role in abdominal imaging
2. Classify liver tumor and role of imaging in staging, treatment of liver tumors

**Short Essay**

**(6x10=60 Marks)**

3. FAST ( Focused Assessment with Sonography for Trauma )
4. CT severity scoring system in pancreatitis
5. Sequestration of lung
6. Imaging in internal hernia
7. Abdominal imaging in Dengue fever
8. Aspergilosis of lung

July-2023

**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. M.R. Imaging of Retroperitoneum.
2. Role of imaging ovarian mass.

**Short Essay**

**(6x10=60 Marks)**

3. Recent imaging approach in female infertility.
4. Role of USG in congenital dislocation of hip.
5. Renal rickets.
6. Sonographic / Doppler evaluation of enlarged lymphnode .
7. Physiology of fetal circulation.
8. Ultra sound evaluation of prostate.

July-2023

**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 causes of orbital masses. Discuss imaging features of two common causes in an adult.
2. Causes of demyelinating lesions of spinal cord and their imaging features.

**Short Essay**

**(6x10=60 Marks)**

3. Imaging features of Caroticocavernous fistula.
4. Laryngeal carcinoma.
5. SPECT.
6. Femoroacetabular impingement.
7. Imaging findings of paraganglioma.
8. Imaging findings in Acoustic neuroma.