

April - 2019

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time : 3 Hours]

[Max.Marks : 100]

**MD RADIOLOGY – PAPER – I
QP CODE:5161**

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 in detail the development of kidneys.
2. Describe the arterial anatomy of the brain and its important anatomical variations

Short Essay

(6x10=60 Marks)

3. Tissue harmonic imaging
4. MRI artifacts
5. CT scan detectors
6. Digital mammography
7. High KV technique in chest X – Ray
8. Principle of gamma camera

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[Time : 3 Hours]

[Max.Marks : 100]

MD RADIOLOGY – PAPER – II

QP CODE: 5162

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 technical aspects of HRCT of lung. Describe the imaging features of collagen vascular disease in lung.
2. Describe the role of imaging in adult hepatic tumors.

Short Essay

(6x10=60 Marks)

3. Role of angiography in lower GI bleed
4. Imaging of focal lesions of spleen
5. Imaging in intussusceptions
6. CT severity index
7. Imaging of carcinoma esophagus
8. Hiatus hernia

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MD RADIOLOGY – PAPER – III

QP CODE: 5163

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 ultrasonography in fetal cardiac imaging
2. Discuss the role of imaging modalities in the diagnosis of renal hypertension

Short Essay

(6x10=60 Marks)

3. What is PCPNDT Act? Describe in detail
4. Intrauterine fetal death
5. Ectopic pregnancy
6. Perthe's disease
7. Psoriatic arthritis
8. Synovial sarcoma

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[Time: 3 Hours]

[Max.Marks: 100]

**MD RADIOLOGY – PAPER – IV
QP CODE: 5164**

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. Classify and enumerate different supra-tentorial tumors in adults. Describe in detail the imaging features of glial tumors.
2. Enumerate causes of CVA. Describe imaging features and interventions in acute stroke

Short Essay

(6x10=60 Marks)

3. Enumerate various ring enhancing lesions. Describe in detail imaging in Neurocysticercosis
4. CNS leucodystrophies
5. Functional MRI
6. Cholesteatoma
7. Herpes simplex encephalitis
8. Role of Pet – CT in oncology