

APT-2015
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. Describe the anatomy of thyroid gland & various imaging techniques for investigation.
2. Describe the principle of Ultra sonography and Doppler techniques.

Short essay

(6x10=60 marks)

3. Describe the X-ray tube & how the X-rays are produced.
4. Describe the constituent of Developer & Fixer & how the image is formed on film.
5. TLD Badge.
6. Rectification & Rectifiers.
7. Scattered Radiation.
8. Digital Radiography.

APY-2015

BLDE 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 the causes of dysphagia in an adult. Briefly describe the role of radiologist in evaluating them.
2. Enumerate various causes, course, radiological and imaging features of acute pancreatitis.

Short essay

(6x10=60 marks)

3. Describe briefly the patho-physiology of pulmonary embolism. Give in detail the imaging modalities for diagnosis of this entity and their relative merits and demerits.
4. Differentiating features of intra and extra lobar sequestration of lung
5. Sonomammography
6. Imaging in Liver trauma
7. Internal hernias.
8. Role of Radiologist in management of hepatocellular carcinoma

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[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 IUGR
2. Classify bone tumors. Discuss the radiological findings of primary malignant bone tumors.

Short essay

(6x10=60 marks)

3. Radiology & imaging in female infertility.
4. Role of x-ray & sonography for evaluation of salivary glands.
5. Evaluation of congenital dislocation of hips (CDH)
6. Imaging in Meningioma
7. Nephrocalcinosis.
8. Role of CT in evaluating in paranasal sinuses.

APR-2015
BLDE UNIVERSITY
POST GRADUATE DEGREE EXAMINATION

[Time : 3 Hours]

MD RADIOLOGY – PAPER – IV

[Max.Marks : 100]

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. 2014 Amendment in PC PNDR Act relevance to Radiologist.
2. AERB Rules & Regulations applicable to Radiology.

Short essay

(6x10=60 marks)

3. 4D Ultrasound indication & Utility & limitations.
4. PET – CT advantage & limitations.
5. Dental CT
6. Breast elastography.
7. Picture Archiving & Communication System (PACS)
8. MRCP