

D.M.R.D.
[Diploma in Medical Radiology Diagnosis]
BF/2009/05

Basic Sciences as related to Radiology
[Paper-I]

M.M. : 100

Time : 3 Hours

Note : Attempt all questions.

1. Describe congenital anomalies of Spinal canal & Cord. Discuss imaging features. [40]

2. **Write short notes on:** [5x12=60]
 - a. Life cycle of Echinococcus.
 - b. Bone age by X-ray of Pelvis.
 - c. C.I.N.
 - d. PHAKOMATOSES.
 - e. Principle of MR angiography.

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Physics as applied to Medical Radiology
[Paper-II]

M.M. : 100

Time : 3 Hours

Note : Attempt all questions.

1. **Describe briefly:**
 - a. Principle and advantages of Radio Isotope scanning. [15]
 - b. Protection of patients from Radiation. [15]

2. **Give a brief account of:**
 - a. MDCT [20]
 - b. Time of Flight sequence. [20]

3. **Write short notes on:**
 - a. Principle of Doppler Sonography. [15]
 - b. Intensifying screens. [15]

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Diagnostic Radiology and Recent advances
[Paper-III]

M.M. : 100

Time : 3 Hours

Note : Attempt all questions.

1. Discuss the role of Doppler in Peripheral Arterial diseases. [35]

 2. Discuss the imaging in a patient with a Breast lump. [35]

 3. **Write notes on:**
 - a. Avascular necrosis of Hip. [15]

 - b. Magnetic Resonance Cholangiopancreatography[MRCPP] [15]
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