

QP Code: 101116

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Radio-
diagnosis (M.D) November 2025**

**Paper I – Basic Science, Radiation Physics, Radiological Anatomy and Contrast
Media**

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Enumerate the various MRI sequences and describe any two pulse sequences in detail.

Short essays: (8x10=80)

2. Computed and Digital Radiography
3. Principles of Radiation Protection
4. Doppler Ultrasonography
5. Artefacts in Computed Tomography
6. Interactions of X-ray with matter
7. Contrast Media reactions and its management
8. Radiological anatomy of Mediastinum
9. SPECT
