

QP Code: 101116

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Radio
diagnosis (MD) May 2021**

**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. Describe the construction of conventional X-ray tube. Compare and contrast computed radiography and digital radiography.

Short essays:

(8x10=80)

2. Classification of MR contrast media
3. Explain with diagram, bronchopulmonary segments as seen on PA and lateral views of chest radiograph.
4. Anode heel effect
5. USG artefacts
6. Thermo Luminescent Dosimetry (TLD badge)
7. Digital Subtraction Angiography
8. A.E.R.B and its controlling functions in radiology
9. Mammography
