

QP Code: 101116

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Radio
diagnosis (MD) June 2020**

**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 principle, construction and working of gamma camera in detail

Short essays:

(8x10=80)

2. Rotator cuff anatomy
3. Composition and functions of developer and fixer
4. Mammography techniques and views
5. Towne's view
6. Describe the basics of BOLD imaging
7. Radio isotopes used in thyroid scanning
8. Principles of Diffusion Weighted Imaging
9. Technique and windows in Trans-Cranial-Doppler
