

QP Code:101116

Reg.No.:.....

PG Degree Examinations in Radio diagnosis (MD) - June 2016

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

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays: (20)

1. Discuss CT physics and explain about different generations in CT.

Short essays: (8x10=80)

2. CT bone mineral densitometry.
3. Dry laser camera for medical imaging.
4. Digital mammography.
5. Quantum theory of radiation.
6. Properties of alpha, beta and gamma rays
7. Spiral CT
8. Discuss the various radiographic techniques for shoulder joint.
9. Adverse reaction of contrast media
