

QP Code: 101116

Reg. No.:.....

**PG Degree Supplementary Examinations in Radio diagnosis (MD)
October 2019**

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

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Discuss in detail ultrasound physics and principles of colour Doppler. Mention artefacts in colour Doppler and how to rectify it.

Short essays:

(8x10=80)

2. Radiological anatomy of oesophagus
3. Adverse reactions of intravenous iodinated contrast media
4. Principles of digital radiography
5. Radiation protection of radiation workers
6. CT artefacts
7. MR anatomy of shoulder
8. AERB regulations in plain radiography and CT scan room
9. Retroperitoneal spaces.
