

QP Code:101187

Reg.No.:.....

**P.G. Diploma Examinations in Medical Radio diagnosis (DMRD) -
May 2017**

Paper I – Basic Sciences as Applied to Radio diagnosis (Basic science, Radiation physics, Radiological anatomy, Radiography and contrast media)

Time: 3 hrs

Max marks: 100

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

Essay:

(20)

1. Discuss the principle and clinical application of spiral CT.

Short essays:

(8x10=80)

2. Ultrasound artifacts.
3. Physiological intracranial calcification.
4. MR contrast media.
5. Transformer
6. Biological hazards of radiation and method of protection
7. Focused grid
8. Automatic film processor
9. HSG
