

QP Code:104116

Reg.No.:.....

**PG Degree Supplementary Examinations in Radio diagnosis (MD) -
November 2015**

Paper IV – Recent Advances in Radio diagnosis

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Classify MR pulse sequences. Describe in detail regarding hardware and software advances in MRI

Short essays: (8x10=80)

2. Diffusion and perfusion MRI in stroke.
3. 3D and 4D imaging in ultrasonography of foetus.
4. Interventional radiology in skeletal system.
5. Contrast enhanced ultrasonography - technique and indications.
6. MR contrast agents – classify and write about their side effects.
7. Puffed cheek CT technique and indications.
8. Cine CT fluoroscopy – indications, techniques and side effects.
9. Dry laser imager in medical imaging
