

QP Code:101187

Reg.No.:.....

**P.G. Diploma Supplementary Examinations in Medical
Radiodiagnosis (DMRD) – November 2013**

**Paper I – Basic Sciences as Applied to Radiodiagnosis (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. Describe in detail the construction of a GRID and explain how it helps in improving radiographic quality.

Short essays:

(8x10=80)

2. Classify contrast agents used in radiology. Add a note on management of contrast reactions.
3. Radiography in cardiomegaly and individual chamber enlargement.
4. Hounsefield units. (HU)
5. Magnetic resonance cholangio pancreatography. (MRCP)
6. Hysterosalpingogram (HSG) – Describe indications, procedure and interpretation.
7. Normal and abnormal extrinsic impressions on oesophagogram.
8. Intensifying screens.
9. Colour doppler sonography.
