

**QP Code:101187**

**Reg.No.:.....**

**P.G. Diploma Examinations in Medical Radio diagnosis (DMRD)  
April 2018**

**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. Describe in detail embryology of genitourinary tract.

**Short essays:**

**(8x10=80)**

2. Physics of ultrasonography.

3. Foetal circulation.

4. Management of adverse contrast reaction.

5. Mammography.

6. Radiological anatomy of mediastinum.

7. Doppler artifacts.

8. MR spectroscopy.

9. Describe radiography of – • Erect abdomen • Elbow joint • Pelvis  
• Cervical spine.

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