

**QP Code:101187**

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

**P.G. Diploma Regular/Supplementary Examinations in Medical Radio  
Diagnosis (DMRD) June 2020**

**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 to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. What is the basic structure of a transducer. Mention about the merits and demerits of various transducers.

**Short essays:**

**(8x10=80)**

2. Types of film artifacts
3. Radiological anatomy of knee joint
4. Views for para nasal sinuses
5. Reactions to contrast media and its management
6. Diffusion weighted imaging in stroke
7. C.T. fluoroscopy
8. Development of heart and explain various congenital cyanotic heart diseases
9. Describe in detail about grids

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