

QP Code:101187

Reg. No.:.....

**P.G. Diploma Regular/Supplementary Examinations in Medical Radio
Diagnosis (DMRD) May 2021**

**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. Couinaud's classification of liver segments, also add a note on technique of triphasic CT of liver.

Short essays:

(8x10=80)

2. Embryological development of kidneys.
3. Slip ring technology.
4. Anatomy of 7th nerve.
5. Magnetic Resonance (MR) perfusion.
6. Management of life threatening contrast reactions.
7. Technique of HRCT (High Resolution Computed Tomography) and its applications in lung.
8. Technique of intravenous urogram.
9. Artefacts in ultrasound.
