

QP Code: 101116

Reg. No.:.....

**PG Degree Supplementary Examinations in Radio diagnosis (MD)
December 2020**

**Paper I – Basic Science, Radiation Physics, Radiological Anatomy 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. Describe the principle of various MR angiography techniques

Short essays:

(8x10=80)

2. Characteristic radiation
3. Image intensifying screen
4. Image post processing in computed tomography
5. Zonal anatomy of prostate
6. Tissue harmonic imaging
7. Management of adverse reactions due to iodinated contrast agents
8. Stochastic effects of radiation
9. PCPNDT Act
