



DL-9142

Seat No. _____

P. G. Diploma Examination

March – 2022

D.M.R.D. : Paper - I

(Radiodiagnosis)

Time : **3 Hours**]

[Total Marks : **100**

- 1** Describe : Radiation hazards and Radiation protective measures in diagnostic imaging. **25**
- 2** Describe : Basic physics of diagnostic ultrasonography and colour doppler imaging; Ultrasound transducers; USG contrast media. **25**
- 3** Describe - Basic physics of MR imaging; Functional MR imaging; Contraindications of MR imaging. **25**
- 4** Write short notes : **25**
 - (a) CT scan generation
 - (b) eLORA
 - (c) PC and PNDT Act
 - (d) PACS in Radiology
 - (e) Properties of X-rays.
