



DL-9049

Seat No. _____

M. D. (Branch X) Examination

March / April - 2022

Radio - Diagnosis : Paper-I

Time : **3 Hours**]

[Total Marks : **100**

- Instructions :**
- (1) Draw diagrams whenever necessary.
 - (2) Figures on right side indicate full marks.
 - (3) All questions are compulsory.
 - (4) Irrelevant writing will reduces the value of your answer.

- 1 Enumerate harmful effects of radiation. What measures should be taken to protect staff in radiology department. **25**
- 2 Write regarding calcium metabolism in short. Role of radiology in evaluation of various parathyriod lesions. **25**
- 3 (a) Barium enema **12**
(b) IVP **13**
- 4 Write short notes on following. **25**
 - (a) Properties of X-rays
 - (b) MR artefacts
 - (c) Doppler shift and Doppler findings of portal HT.
 - (d) Unilateral elevation of diaphragm on chest x ray (write radiological D/d.)
 - (e) AVN of carpal and tarsal bones.