

**QP CODE: 301018**

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

**Third Year B.Sc MRT Degree Regular/Supplementary Examinations  
March 2022**

**Radio diagnosis II**

**Time: 3 Hours**

**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*

**Essays:**

**(3x10=30)**

1. Describe the mammography equipment in detail. Describe briefly about the routine films taken and also about the additional views in mammography.
2. Explain in detail the various sequences in MR imaging.
3. Describe the radiological anatomy of gastrointestinal tract and the various barium studies to demonstrate the digestive tract pathologies.

**Short notes:**

**(8x5=40)**

4. Digital subtraction angiography
5. Micturating cystourethrography
6. Transducer in ultrasonography
7. Triple phase CT
8. Role of contrast enhanced ultrasound
9. Hysterosalpingography
10. CT Artifacts.
11. MR myelography

**Answer briefly:**

**(10x3=30)**

12. Macro radiography
13. Gamma camera
14. Scintillation detectors
15. What are radioactive isotopes
16. High KV technique
17. SPECT CT.
18. Ortho pantamogram
19. Tele radiology
20. Quenching in MRI
21. AERB

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