

QP CODE: 301018

Reg. No.....

**Third Year B.Sc MRT Degree Supplementary Examinations
October 2024**

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. What is barium swallow. Describe indications, preparation and contraindications of patient. Briefly write about conduct of study mentioning standard radiographic projections.
2. Write briefly on indication, technique and contraindications of CT coronary angiography.
3. What is MRCP. Write on technique, sequences, indications and advantages of MRCP.

Short notes:

(8x5=40)

4. MRI artefacts
5. CT cisternography
6. USG probes
7. MCU
8. Image intensifier
9. Digital Radiography
10. Iodinated contrast agents
11. MRI sequences

Answer briefly:

(10x3=30)

12. Radiological anatomy of liver
13. Magnification mammography
14. Dacryocystography
15. Planning of C spine MRI and basic sequences used
16. Doppler physics
17. Magnets used in MR.
18. BMFT
19. Thyroid scintigraphy
20. Properties of barium.
21. GRID
