

QP CODE: 301018

Reg. No.....

**Third Year B.Sc MRT Degree Supplementary Examinations
October 2023**

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. Positron Emission Tomography – Principles of imaging and clinical applications.
2. Mammography – positioning, views and technique of imaging.
3. What is MDCT. What is the CT protocol for adrenal imaging.

Short notes:

(8x5=40)

4. IVU
5. Radiological anatomy of biliary system
6. Colour Doppler in ultrasound
7. MR perfusion imaging techniques
8. Barium meal follow through
9. Computed Radiography
10. MR safety
11. CT image reconstruction techniques

Answer briefly:

(10x3=30)

12. Sialography
13. Digital radiography detectors
14. CT coronary angiography
15. Renal scintigraphy isotopes
16. Radiological anatomy of lacrimal system
17. Draw a labelled diagram of image intensifier
18. MR contrast agents
19. Split Bolus Technique for CT Urography
20. Diffusion weighted imaging
21. Indications and contraindications for HSG
