

QP CODE: 301018

Reg. No.....

**Third Year B.Sc MRT Degree Supplementary Examinations
October 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. What is barium meal follow through. Describe indications and preparation of patient. Briefly write about conduct of study mentioning standard radiographic projections.
2. What is digital subtraction angiography. Draw and mark various parts of the equipment. How will you conduct cerebral angiography and mention standard views taken.
3. What is MDCT. How will you prepare a patient for triple phase study of liver. Describe the triple phase liver CT imaging in detail. Mention the timings of each phase.

Short notes:

(8x5=40)

4. MR contrast agents
5. Myelography
6. Barium swallow
7. Percutaneous trans hepatic cholangiography.
8. Sialography
9. Hysterosalpingography
10. Ultrasound
11. Image intensifier

Answer briefly:

(10x3=30)

12. Radiological anatomy of uterus and adnexa.
13. Mammography.
14. CT cisternography
15. Intravenous iodinated contrast agents.
16. CT protocol for adrenals
17. Barium meal
18. Gamma camera
19. Isotopes used for renal scintigraphy imaging.
20. Planning of MRI lumbar spine
21. Computed radiography
