

QP CODE: 301018

Reg. No.....

Third Year B.Sc MRT Degree Examinations February 2019

Radio diagnosis II

Time: 3 Hours

Max Marks: 100

- **Answer all Questions**
- **Draw diagrams wherever necessary**

Essays:

(3x10=30)

1. What is barium enema. Describe indications and preparation for barium enema. How will you conduct barium enema and mention standard radiographic views taken.
2. What is CT scan; draw a diagram marking the parts. Describe various generations of CT scan. Briefly describe HRCT lung.
3. How will you prepare a patient for MR scan. Draw diagram of patient lying inside MR gantry and mark the coils around patient. Briefly describe physical principles of MRI

Short notes:

(8x5=40)

4. Retrograde urethrography
5. HRCT temporal bone
6. Fistulography
7. Oral cholecystography
8. Iodinated intravenous contrast media
9. MR urogram
10. CT coronary angiography
11. Bronchography

Answer briefly:

(10x3=30)

12. Mammography
13. Venography
14. Magnets used in MR
15. Anatomy of bronchopulmonary segments
16. MCU
17. Types of ultrasound probes
18. CT colonography
19. Properties of barium
20. PET scan
21. Technetium 99m
