

QP CODE: 203018

Reg. No.....

**Second Year B.Sc MRT Degree Supplementary Examinations
October 2023
Radio Diagnosis I**

Time: 3 Hours

Total 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*

Essays:

(3x10=30)

1. Explain the various stages of X-ray film processing. Describe the components of X-ray fixer and developer. Compare Auto-matic film processing with manual film processing.
2. Discuss on radiation hazards. What is genetic and somatic effects.
3. Briefly describe the basic views of chest radiography.

Short notes:

(8x5=40)

4. TLD Badge.
5. Ten Day rule.
6. Plain X-ray abdomen, indications and radiographic techniques.
7. High KV technique in radiography.
8. Intensifying screens.
9. Single coated imaging film.
10. Axial views in radiography.
11. Radiography of T M joint.

Answer briefly:

(10x3=30)

12. Radiographic view for Sella tursica.
13. OrthoPantomoGraphy (OPG).
14. Open mouth view.
15. Radio graphic views for patella.
16. X-ray KUB, indications and radiographic technique.
17. Inter-condylar view.
18. Film badge.
19. Apical view of Chest.
20. Optic foramen view.
21. OM Line.
