

QP CODE: 203018

Reg. No.....

**Second Year B.Sc MRT Degree Supplementary Examinations
August 2017**

RADIO DIAGNOSIS I

Time: 3 Hours

Total Marks:100

- **Answer all questions**

Essays: (3x10=30)

1. Discuss on radiation hazards with special emphasis on genetic and somatic effects.
2. Discuss the radiological anatomy of hip joint and various projections to demonstrate hip joint.
3. Discuss on conventional and digital radiography systems.

Short notes: (8x5=40)

4. Radiographic technique of wrist joint.
5. Radiography of sella turcica.
6. Grids in radiography.
7. Development of film after exposure.
8. Unsharpness in radiography.
9. Replenisher in film processing.
10. Dark room design.
11. Developer chemistry.

Answer briefly: (10x3=30)

12. Double coated films in radiology.
13. Dental radiography.
14. Fixer chemistry.
15. Pass box between radiographic room and dark room.
16. Apical view of chest.
17. Imaging of gall bladder.
18. Precautions for a lady coming for radiography.
19. Fluoroscopic screens.
20. Radiography of knee inter-condylar notch.
21. Collimators.
