

Second Year B.Sc MRT Degree Examinations February 2017

RADIO DIAGNOSIS I

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays:

(3x10=30)

1. Discuss the radiological anatomy of shoulder joint and various radiographic projections to demonstrate it.
2. Describe the techniques for abdominal radiographs. Discuss the views in a patient with suspected intestinal obstruction and suspected pneumoperitoneum.
3. Discuss on radiation hazards. What is genetic and somatic effects.

Short notes:

(8x5=40)

4. Radiographic technique of patella.
5. Radiography of optic foramen-left.
6. Collimators in conventional radiography.
7. Pelvimetry.
8. Fogs in radiography.
9. Plain radiographic imaging of suspected parotid duct calculus.
10. Radiological anatomy of gall bladder.
11. Radiography of right sacroiliac joints.

Answer briefly:

(10x3=30)

12. Single coated films in radiology.
13. Focussed grid.
14. Preliminary steps in radiography of children.
15. Pass box between radiographic room and dark room.
16. Low KV High mAs technique.
17. Radiography of nasal bone in suspected nasal bone fracture.
18. Precautions in a woman coming for radiography.
19. Radiography of acromio-clavicular joint.
20. Radiography of sternum.
21. Intensifying screens in radiology.
