

B.Sc. Allied Health Sciences Second Year (Semester-IV)

Examination October 2012

Time : 2.30 Hrs.

Max. Marks : 80]

Paper – I

Radiographic Technique

Q.P Code: AHS-112

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY

2 X 10 = 20 Marks

1. Ideal-x ray setup in a modern department
2. Describe the steps taken while doing an x-ray in ICU (Intensive Care Unite)

SHORT ESSAY (Answer any Six)

6 X 5 = 30 Marks

3. Different techniques in x-ray of chest
4. Open mouth view for odontoid
5. Towns view
6. Thoracin outlet view
7. Bone age assessment x-ray how do you do
8. X-ray of clavicle
9. Different views for scaphoid
10. X-ray for # lower end of humerus

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. Lead apron
12. Cunes
13. Grid
14. Barium
15. X-ray for pitutary
16. X-ray for pelvis
17. X-ray for orbital fracture
18. Ankle x-ray different views
19. Lumbosacral spine x-ray different views
20. Abdominal x-ray different views
21. Preparation for barium meal and procedure
22. X-ray of mandible

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Paper - II

Radiographic Photography & Image Processing

Q.P Code: AHS-113

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Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Dark room planning for a small hospital.
2. Describe construction of a x-ray cassette.

SHORT ESSAY (Answer any Six)

6 X 5 = 30 Marks

3. Intensifying screens
4. Speed of films
5. Films for special procedures
6. Film drier
7. Safe light
8. Wet bench
9. Digital radiography
10. Automatic processor

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. Developer-constituents
12. Types of cassettes x-ray
13. Phosphors employed in x-ray screens
14. Storage of x-ray films
15. Characteristic curves of x-ray film
16. Basic film fog
17. Factors affecting fixing time
18. Types of hangers
19. Different film formats
20. Screen film contact test
21. Chemistry of image formation
22. Scatter radiation