

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 1831

(AUGUST 2020 EXAM SESSION)

B.Sc. RADIOLOGY IMAGING TECHNOLOGY

SECOND YEAR (Regulation 2014-2015)

PAPER I – CLINICAL RADIOGRAPHY POSITIONING

Q.P. Code : 801831

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on :

(3 x 10 = 30)

1. Describe in detail the technique of radiography of the elbow when
 - (a) Full range of motion is present.
 - (b) When there is a fixed flexion deformity?
2. Explain the Radiographer involvement in Operation Theatre Radiography and narrate the Techniques for the case of Hip Joint.
3. Explain in detail the different views in Thoracic spine imaging.

II. Write notes on:

(8 x 5 = 40)

1. Carpel tunnels view.
2. Views for shoulder joint.
3. Stryker's view.
4. Radiographic imaging to demonstrate Bennetts fracture.
5. Brief Forensic Radiography.
6. Different views for Calcaneus.
7. Radiographic imaging of right optic foramen.
8. Plain radiographic demonstration of cervical intervertebral foramina.

III. Short answers on:

(10 x 3 = 30)

1. Swimmers view.
2. Skin marker.
3. Double exposure techniques.
4. Demonstrate a view to visualize patella.
5. Grid Cassette.
6. Judet view.
7. Grid Ratio.
8. Self rectification circuit.
9. Subtalar joint view.
10. Right shoulder joint – transaxial view.
