Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Medical Imaging Technology Degree Examination – 03-Nov-2026

Time: Three Hours **Max. Marks: 100 Marks**

RADIOGRAPHIC POSITIONING AND TECHNIQUES (RS-4)

Q.P. CODE: 3292

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Second Question Choice) **2 x 10 = 20 Marks**

1. Describe in details about anatomy of whole spine. Explain basic radiographic projection of cervical, thoracic and lumbar spine
2. Explain the anatomy of tooth. Explain briefly Cephalometry and Orthopantomography
   OR
   List the bones of the human body. Explain briefly the radiographic weight bearing projection for following a) Shoulder b) Knee c) Foot

SHORT ESSAYS (Question No 5 & 10 choice) **10 x 5 = 50 Marks**

3. Mention and describe in details about various body planes and positioning terminology
4. Explain the anatomy of cranial bones. Explain Towne's view
5. Radiographic projection for Scaphoid bone
   OR
   Basic cardiographic projection for Lower Jaw bone
6. Explain the radiographic projection for pneumoperitoneum
7. Explain the radiographic projection for rheumatoid arthritis
8. Write a note on care and radiation protection while handling neonates
9. Explain the anatomy of shoulder joint. Add a note on axial view of shoulder joint
10. Explain the radiographic projection to demonstrate the Sella turcica
    OR
    Radiographic projection for Maxillary sinus
11. Lateral Decubitus view of chest
12. Radiographic positioning for first metacarpophalangeal joint

SHORT ANSWER **10 x 3 = 30 Marks**

13. Radiographic technique for fracture of neck of the femur
14. Explain the radiographic projection for Calcaneal spur
15. Radiographic difference between chest AP and chest PA view
16. Explain the joints in the pelvis
17. Lateral view of humerus
18. Leg AP view
19. Define the following a) Flexion b) Extension c) Medical rotation
20. Neck AP view
21. Explain the formation of carpal tunnel with a neat diagram
22. Bony landmarks of upper limb

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