

The West Bengal University of Health Sciences
B.Sc. Radiology and Imaging Technology Part-II
September-October, 2026 Examination



Subject : Radiographic Positioning and Techniques

Full Marks : 80

Time : 3 hrs.

Group – A

1. Answer **any four** questions of the following :
- | | |
|---|-----|
| a) Briefly explain the calcaneus bone Radiography. | 10 |
| b) Discuss the different techniques for obtaining abdominal radiography. | 10 |
| c) What is lateral decubitus radiography? What is the purpose of an image obtained with the patient in a lateral decubitus or erect position? | 4+6 |
| d) What is inferosuperior and superoinferior axial projection? Explain the shoulder superiorinferior axial radiography. | 2+8 |
| e) Write a short note on: | 5+5 |
| i) Flat bones. | A |
| ii) Short bones. | |

Group – B

2. Write short notes on **any six** of the following : 6 x 5
- | | |
|--|-----|
| a) How can you determine age from bones? | |
| b) What three terms are used in radiograph to describe specific surfaces of the upper and lower limbs? | |
| c) Write a short note on synovial joints. | |
| d) Describe how to interpret a lateral cervical spine film. | |
| e) What nerve root may be compressed by a right posterior disc protrusion at L3-L4? Write on the radiographic views in cases of suspected fracture of thumb. | 2+3 |
| f) Explain the paralleling technique method. | |
| g) What is the difference between chest X-ray AP and PA view? | |

Group – C

3. Answer **any five** question of the following : 5 x 2
- | | |
|--|--|
| a) What do you mean by body surface? | |
| b) What is meant by radiographic examination or procedure? | |
| c) What is lordotic projection? | |
| d) Write the basic view for the ankle joint? | |
| e) What is a "Scotty dog"? | |
| f) What is a swimmer's view? | |