

Nature and content of test:

Topics	Sup-topics	Relative Percentage	Passing Score
I. Radiographic Technique	1. Upper Limbs Radiography	25%	45%
	2. Lower Limbs Radiography		
	3. Skull Radiography		
	4. Vertebrae Radiography		
	5. Chest and Abdomen Radiography		
	6. General Radiography Terms & Positioning		
II. Anatomy and Radiographic Anatomy	1. Human Body Landmarks	18%	45%
	2. Anatomy of Skeletal System		
	3. Radio-Anatomy of Alimentary Tract		
	4. Liver and Biliary Tract		
	5. Chest and Heart		
	6. Anatomy of Urinary System		
III. Fluoroscopy and Contrast Media	1. Types and Uses of Contrast Media	15%	45%
	2. Operation of Fluoroscopy Unit		
	3. Contrast Media Examinations for Gastrointestinal Tract		
	4. Contrast Media Examinations for Urinary Tract		
	5. Examinations of the Biliary System		
IV. Image Recording	1. Types and Uses of X-ray Films	10%	45%
	2. Intensifying Screens		
	3. Film Processing		
	4. Quality of Radiograph		
	5. Recording System		
	6. Dark Room		
V. Radiation Physics and Protection	1. Electromagnetic Radiation	12%	45%
	2. The interaction of X-ray with Matter		
	3. Radiation Measurement and Units		
	4. The Principle of Radiation Protection		
	5. Patient Protection in Radiology Department		
	6. Protection of Personnel in Radiology Department		
VI. X-Ray Equipment	1. Components of X-ray Machines	10%	45%
	2. X-Ray Tubes		
	3. Principles of Electricity		
	4. The X-ray Table and Control Panel		
VII. Accidents and Emergency Radiography	1. Injuries and Fractures (Types and Management)	10%	45%
	2. Shocks (Types and Management)		
	3. Acute Medical Conditions		
	4. Head and Spine Injuries		
	5. Dealing with Emergency Patient		
Total		100%	

Test References:

- Comprehensive Review for the Radiologic Technologist: Third Edition. Matthew Stevens, Robert I. Phillips.
- Clarke, K.C.; Positioning in Radiography, Volume 1; Heinemann M. books, U.K.
- Bontrager, Kenneth L.; Text book of Radiographic Positioning and Related Anatomy. Mosby.
- An Atlas of Radiological Anatomy. Weir, J. & Abrahams, Churchill Livingstone.