



Radiology Blueprint

Section domain	No	Sections	Relative Percentage
Radiographic Technique	1	Upper Limbs Radiography	25%
	2	Lower Limbs Radiography	
	3	Skull Radiography	
	4	Vertebrae Radiography	
	5	Chest and Abdomen Radiography	
	6	General Radiography Terms & Positioning	
Anatomy and Radiographic Anatomy	1	Human Body Landmarks	18%
	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	
Fluoroscopy and Contrast Media	1	Types and Uses of Contrast Media	15%
	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	
Image Recording	1	Types and Uses of X-ray Films	10%
	2	Intensifying Screens	
	3	Film Processing	
	4	Quality of Radiograph	
	5	Recording System	
	6	Dark Room	

Radiation Physics and Protection	1	Electromagnetic Radiation	12%
	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	
X-Ray Equipment	1	Components of X-ray Machines	10%
	2	X-Ray Tubes	
	3	Principles of Electricity	
	4	The X-ray Table and Control Panel	
Accidents and Emergency Radiography	1	Injuries and Fractures (Types and Management)	10%
	2	Shocks (Types and Management)	
	3	Acute Medical Conditions	
	4	Head and Spine Injuries	
	5	Dealing with Emergency Patient	
Total			100%

Test Reference

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

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