



SAUDI BOARD RESIDENCY TRAINING PROGRAM

RADIOLOGY TECHNOLOGY

Part One Examination

Examination Format:

Part I Examination of the Saudi Board Certificate shall consist of one paper with 150 Single Best Answer MCQs. Up to 10% of unscored items can be added for pretesting purposes.

Passing Score:

1. The passing score is 65%.
2. If the percentage of candidates passing the exam before final approval is less than 70%, the passing score can be lowered by one mark at a time aiming at achieving a 70% passing rate or a score of 60% whichever comes first. Under no circumstances may the score be reduced below 60%.





Suggested References:

1. MRI in Practice. Catherine Westbrook; John Talbot Imprint: Wiley-Blackwell. Language: English. ISBN: 9781119391999.
2. Computed Tomography Physical Principles, Clinical Applications, and Quality Control, 4th Edition. Euclid Seeram. Paperback ISBN: 9780323312882.
3. Diagnostic Ultrasound, 5th Edition. Carol M. Rumack & Deborah Levine. Date of Publication: 10/2017.
4. Diagnostic Ultrasound Physics and Equipment, 3rd Edition. Edited by Peter R Hoskins, Kevin Martin, Abigail Thrush. Copyright Year: 2019.
5. European Nuclear Medicine Guide, 2020 Edition.
6. Essentials of Nuclear Medicine and Molecular Imaging, 7th Edition. 2017. Authors: Fred A. Mettler, Jr. and Milton J. Guiberteau.
7. Clark's Positioning in Radiography, 13th Edition. A. Stewart Whitley (Author), Gail Jefferson (Author), Ken Holmes (Author), Charles Sloane (Author), Craig Anderson (Author), Graham Hoadley (Author).
8. Principles of Radiographic Imaging: An Art and A Science, 6th Edition. Richard R. Carlton (Author), Arlene M. Adler (Author), Vesna Balac (Author).
9. Patient Care in Radiography with an Introduction to Medical Imaging, 10th Edition. Ruth Ann Ehrlich, Dawn Coakes.
10. Radiation Protection in Medical Radiography, 7th Edition. Mary Alice Statkiewicz Sherer AS RT(R) FASRT (Author), Paula J. Visconti PhD DABR (Author), E. Russell Ritenour PhD DABR FAAPM FACR (Author), Kelli Welch Haynes RT(R) (Author).

Note:

This list is intended for use as a study aid only. SCFHS does not intend the list to imply endorsement of these specific references, nor are the exam questions necessarily taken solely from these sources.





Blueprint Outline:

No.	Sections	Percentage
1	Radiation protection	10%
2	X-Ray physics and instruments	10%
3	Radiographic anatomy, pathology, and positioning	10%
4	PACS and quality control	5%
5	Fluoroscopy machine and procedure	8%
6	Angiography machine and procedure	8%
7	Ultrasound physics and instruments	7%
8	Ultrasound abdominal procedure and technique	6%
9	Nuclear medicine physics and instruments	6%
10	Nuclear medicine hot lab and pharmaceutical preparation	5%
11	CT physics and instruments	6%
12	CT brain anatomy, procedure, and technique	6%
13	MRI physics and instruments	7%
14	MRI brain anatomy, procedure, and technique	6%
Total		100%

Notes:

- Blueprint distributions of the examination may differ up to +/-5% in each category.
- Percentages and content are subject to change at any time. See the SCFHS website for the most up-to-date information.
- Research, Ethics, Professionalism, and Patient Safety are incorporated within various domains.

