الهيئة السعودية للتخصصات الصحية
Saudi Commission for Health Specialties

Medical Physics for Therapeutic Radiation

ADMISSION EXAMINATION CONTENT GUIDELINE

EXAMINATION MODEL

Blueprint outlines:

Evaluation Item	Sections	Percentage (%)
(50 MCQs, 1.5 Hours)	Radiological Physics and Radioactivity	20%
	Physics of Radiation Therapy	20%
	Physics of Diagnostic Imaging	10%
	Physics of Nuclear Medicine	10%
	Radiation Detection and Measurements	10%
	Radiation Protection and Safety	10%
	Radiobilogy	10%
	Anatomy and Physiology	10%
	Total	**100%**

Note:

- **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.**

References:

1. **Attix FH**. *Introduction to Radiological Physics and Radiation Dosimetry*. Weinheim: Wiley; 2008.
2. **Khan FM, Gibbons JP**. *The Physics of Radiation Therapy*. 5th ed. Philadelphia: Lippincott Williams & Wilkins; 2014.
3. **Podgorsak EB, editor.** *Radiation Oncology Physics: A Handbook for Teachers and Students*. Vienna: International Atomic Energy Agency; 2005.
4. **Bushberg JT, Seibert JA, Leidholdt EM, Boone JM**. The Essential Physics of Medical Imaging. 4th ed. Philadelphia: Lippincott Williams & Wilkins; 2020.
5. **Knoll GF**. *Radiation Detection and Measurement*. 4th ed. Hoboken: Wiley; 2010.
6. **Cember H, Johnson TE**. *Introduction to Health Physics*. 5th ed. New York: McGraw-Hill Education; 2017.
7. **OpenStax.** *Anatomy and Physiology*. 2nd ed. Houston (TX): OpenStax; 2023.

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 from these sources.

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