



AHPC-1705-SDRRTQE-02

Scope of the Diagnostic Radiography and Radiation Therapy Qualifying Examination

Examination format: 3-hour test consisting of 200 multiple-choice questions covering topics taught in the Diagnostic Radiography and Radiation Therapy curriculum.

Part 1 (common for Diagnostic Radiography and Radiation Therapy candidates)

Part 1 will consist of 100 questions on patient care, radiation protection, radiological informatics and radiological anatomy.

Part 2 (Discipline specific)

- a) Part 2 for **Diagnostic Radiography** will consist of 100 multiple-choice questions on Radiography, Imaging and Instrumentation.
- b) Part 2 for **Radiation Therapy** will consist of 100 multiple-choice questions on Radiation Therapy Theory and Radiation Therapy Techniques.

Diagnostic Radiography and Radiation Therapy Qualifying Examination Reading List

Bushong, S.C. (2001). **Radiologic science for technologists: Physics, Biology and protection (7th ed.)**. Mosby- Year Book

Ehrlich, R.A. & McCloskey. (2004). **Patient care in radiography: with an introduction to medical imaging (6th ed.)**. CV Mosby Company Publication

Graham Donald T. (2003) **Principles of Radiological Physics (4th ed)**, Churchill Livingstone

Washington, C.M. & Leaver DT (1996). **Principles and practice of radiation therapy technology**. Mosby

Hedrick Wayne R., Hykes David L., Starchman Dale E. (2005) **Ultrasound Physics & Instrumentation (3rd ed.)** St Louis: Mosby

Weir J , Abrahams(1997) **Imaging atlas of human anatomy**. Mosby

Diagnostic Radiography

Ballinger, P.W. (2003). **Merrill's atlas of radiographic positions and radiologic procedures (10th ed.)**

Volume I, II, III St. Louis: The C.V. Mosby Co

Burns, B. & Fauber T. (2000). **Radiographic imaging and exposure**. Mosby

Thompson Michael A., Hattaway, Hall, Dowd (1994) **Principles of Imaging Science and Protection**

Saunders

Radiation Therapy

C.C.Wang.(2000) **Clinical Radiation Oncology. (2nd ed.)**.Willey-Liss Publication

G.C.Bentel. (1993). **Radiation Therapy Planning**. Macmillan Publishing Co.

J.Dobbs & A. Barrett. (1999). **Practical Radiotherapy Planning. (3rd ed.)**. Oxford University Press.

Khan, F.M. (2002). **The physics of radiation therapy (3rd ed.)**. Baltimore: Williams & Wilkins.

Rafael C. Gonzalez, Richard E.(2002) **Woods Digital image processing 2nd ed**. Prentice Hall

V.D. Jacob(1999). **The Modern Technology of Radiation Oncology**. Medical Physics Publishing.