

Medical Imaging Science Quiz

Name _____

Instructions to students:

You may use your previously completed worksheet while completing this evaluation. Good luck!

1. Please circle all answers that are the names of types of medical imaging:

X-ray	Sonography	Histogram
Magnetic resonance imaging	Fluoride treatment	Computed tomography

2. Name two types of medical imaging that do NOT use radiation.

3. Wilhelm Conrad Roentgen discovered the x-ray in what year?

4. What are the three basic principles used to protect patients and technologists from exposure to excessive radiation? Please circle the correct answer.

- Skill, speed, science
- Potassium, manganese, zinc
- Time, distance, shielding
- Honesty, loyalty, affection

5. Please circle one answer below that is not typically part of a radiologic technologist's core educational requirements.

physics	anatomy	patient care	patient positioning
radiation safety	macro-economics	examination techniques	equipment protocols

6. Circle the answer that best defines "radiologic technologist."

- Health care professionals who perform medical imaging examinations and administer radiation therapy treatments.
- Scientists who measure radiation from the sun and stars.
- Electricians who specialize in nuclear energy.
- Medical professionals who perform surgical procedures using radio frequencies.

7. What type of medical imaging examination is often compared to a loaf of bread because its images are like slices of anatomy?

- Radiography
- Computed tomography
- Nuclear medicine