Medical Imaging Science Quiz

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