

BASIC RADIATION & MRI SAFETY POST TEST

(Answer the questions by circling the correct response)

1. What are common types of ionizing radiation?
 - a) X-rays
 - b) Gamma rays
 - c) Beta particles
 - d) All of the above

2. How is radiation used in medicine?
 - a) To diagnose illness
 - b) In the prevention of illness
 - c) In the treatment of illness
 - d) Therapy to treat cancer
 - e) Medical research
 - f) All of the above

3. A “rad” means radiation absorbed dose and is the unit of dose or energy absorbed per unit mass in materials, including tissue.
 - a) True
 - b) False

4. What does the acronym ALARA mean?
 - a) As Lucky As Rainbows Are
 - b) Always Lucky And Readily Available
 - c) As Low As Reasonably Achievable

5. Universal Precautions are used in conjunction with Time, Distance, and Shielding to reduce or prevent radiation exposure.
 - a) True
 - b) False

6. Cancer produced by 10 rads is different than cancer produced by 100 rads?
 - a) True
 - b) False

7. Radiation is not cumulative for your entire life.
- True
 - False
8. A large, single dose or a series of doses for a short period of time is a definition for:
- Chronic exposure
 - A sun bathing vacation
 - Acute exposure
9. Erythema and epilation are acute radiation effects.
- True.
 - False
10. A person working in the radiation field and the public have the same dose limits.
- True
 - False
11. How is radiation measured in the Diagnostic Imaging Department?
- With a survey meter.
 - With the well counter.
 - With the crystal detectors.
 - With personnel monitors (film badges).
 - All of the above.
12. What does the acronym RSO mean?
- Radiation security officer
 - Really silly official
 - Radiation safety officer

ACKNOWLEDGMENT STATEMENT By signing this completed evaluation, I acknowledge having received my training on Basic Radiation & MRI Safety. I understand that it is MY responsibility to read the attached Self-Study Guide and answer the evaluation questions on MY own.

Printed Employee Name

Department

Employee Signature

Date