

Name \_\_\_\_\_

**Reading Hospital School of Health Sciences  
Medical Imaging Program  
MI 120- 2022**

**Radiation Protection- Technologist Protection Questions (Ch. 15)**

1. What is the annual occupational dose limit?

2. State the effective dose limits for nonoccupational frequently and infrequently exposed individuals.

3. What type of radiation (scatter, primary, useful, leakage) is the biggest hazard to occupational exposure?

4. What is the standard mm of lead to be worn during fluoroscopy?

5. What are the three basic principles of radiation protection?

6. Of the three basic principles of radiation protection, which one is the most effective means of protection for the technologist?

7. Write the equation for the ISL.

8. Define a primary barrier (location, height and thickness).

9. What type of barrier is the control booth?

10. What is the minimum lead requirement for a thyroid shield?

11. What is the minimum distance that the cord on a portable machine must allow the technologist to stand from the patient, tube, and useful beam?