

***Torres Patient Care in Imaging Technology 9th
edition Dutton Test Bank***

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1. Which of the following was NOT one of the early uses of x-ray:
 - A) Remove facial hair
 - B) Size shoes
 - C) Cure cancer
 - D) Change ore into gold

2. Which of the following is NOT an early radiation effect?
 - A) CNS
 - B) Cataractogenesis
 - C) GI system
 - D) Hematopoietic system

3. Which of the following defines the inverse square law?
 - A) Doubling the distance from the source decreases the beam's intensity by 4
 - B) Doubling the distance from the source decreases the beam's intensity by half
 - C) Doubling the distance from the source increases the beam's intensity by 4
 - D) Doubling the distance from the source doubles the beam's intensity

4. Who discovered fluoroscopy?
 - A) Roentgen
 - B) Daly
 - C) Curie
 - D) Edison

5. When was X-ray discovered?
 - A) 1985
 - B) 1895
 - C) 1900
 - D) 1888

6. What is the annual occupational dose limit set by the NCRP?
 - A) 5 rem (50mSv)
 - B) 2 rem (20 mSv)
 - C) 0.5 rem (5 mSv)
 - D) 1 rem (10 mSv)

7. What is ALARA?
- A) The concept of keeping radiation as low as achievable and still get an image
 - B) The concept of using as much radiation as possible to get an image
 - C) The concept of using radiation and making sure the patient has his/her x-rays to take home
 - D) The concept of warning the patient that x-ray is dangerous
8. Radiographic position refers to:
- A) Specific body planes
 - B) The direction of the central ray (CR)
 - C) The path of the central ray (CR)
 - D) The specific body position
9. Radiographic projection is:
- A) Specific body planes
 - B) The direction of the central ray (CR)
 - C) The path of the central ray (CR)
 - D) The specific body position
10. Which of the following is important for building a successful foundation for learning?
- A) Daily exercise
 - B) Community support
 - C) Future goals
 - D) Emotional preparedness
11. Individuals who learn best by doing are referred to as having which learning style?
- A) Kinesthetic
 - B) Auditory
 - C) Visual
 - D) Repetition
12. Stress reduction activities include:
- A) Test taking
 - B) Spending time with a friend
 - C) Learning imaging terminology
 - D) Positioning patients for imaging examinations

13. True or False? Somatic effects are those damages that will occur to persons born to people who were actually irradiated.
- A) True
 - B) False
14. True or False? The patient is the only concern in terms of radiation protection.
- A) True
 - B) False
15. True or False? Student radiographers under the age of 18 have the same annual occupational dose as those over the age of 18.
- A) True
 - B) False

Answer Key

1. D
2. B
3. A
4. D
5. B
6. A
7. A
8. D
9. C
10. D
11. A
12. B
13. B
14. B
15. B