

## Podiatry Radiography

The following will apply for CME credit for the 2018-2019 recertification year. All completed answer sheet should be mailed with your recertification in April of 2018. At that time attach all Journal answer sheets to your notice and mail them to the address listed by your state.

1. What is the annual maximum permissible dose for an occupational worker (x-ray tech)?
  - a. 100 mrem/year
  - b. 10 rems/year
  - c. 50,000 rem/year
  - d. 5 rems/year
2. Which type of radiation is deflected from its original path when it strikes an object?
  - a. Ionizing radiation
  - b. Primary beam radiation
  - c. Scatter Radiation
  - d. Nuclear Radiation
3. Which factor controls the amount of radiation emitted from the x-ray tube?
  - a. kVP
  - b. mA
  - c. time
  - d. SID
4. Resolution, Definition and sharpness of an image are all components of:
  - a. Distortion
  - b. Motion
  - c. Detail
  - d. Magnification
5. A Podiatric X-ray Unit must be licensed and registered, and the actual certificate must be displayed for anyone to view?
  - a. True
  - b. False
6. Which of the following is NOT an example of "subject contrast"
  - a. Bone and soft tissue
  - b. Bone and air
  - c. Bone and calcium
  - d. Soft tissue and air
7. The distance from where photons are emitted to the film is called?
  - a. Object-image distance
  - b. Source-image distance
  - c. Object-Anode distance
  - d. Source-Anode distance

8. Electrons are found in what part of the Atom?
  - a. Nucleus
  - b. Inner Shell
  - c. Outer Shell
  - d. Protons
9. C-Arm fluoroscopy units utilize which process to create an image?
  - a. X-ray beam and image intensifiers
  - b. X-ray beam and film screen cassettes
  - c. Sound waves and recording device
  - d. Sound waves and transducer
10. A Mortise View is used to evaluate a/an \_\_\_\_\_
  - a. Sesamoid fracture
  - b. Jones fracture
  - c. Ankle joint
  - d. Metatarsal Fracture
11. Your doctor has told you there is a radiopaque foreign body on the film. It is not in the area of interest on the current patient, but he had noted it was obscuring the area of interest on the prior patient. What do you do?
  - a. Keep exposing the patient until the radiopaque object disappears
  - b. Clean the cassette screens first, then retake the film
  - c. Clean the processor crossover racks, then retake the film
  - d. As long as it is not on the area of interest leave it alone.