

6. Magnification is affected by
- OID only.
 - SID only.
 - both OID and SID.
 - neither OID nor SID.

ANS: C REF: p. 29 OBJ: 4 | 6 | 7

7. An image receptor that contains a photostimulable plate that is converted to an image by processing with a laser is part of a system called
- digital radiography (DR).
 - computed radiography (CR).
 - a film/screen system.
 - digital fluoroscopy.

ANS: B REF: p. 26 OBJ: 8

8. Radiation exposure is directly proportional to
- OID.
 - kVp.
 - mAs.
 - SID.

ANS: C REF: p. 22 OBJ: 3

9. An image that is black in the darkest areas and white in the lightest areas is said to have
- high contrast.
 - sharp detail.
 - low contrast.
 - poor detail.

ANS: A REF: p. 31 OBJ: 10

10. What is used to determine if the exposure factors were correct on a digital image?
- Exposure indicator number
 - Visual clues (too light or too dark)
 - Technique chart
 - Optical density number

ANS: A REF: p. 28 OBJ: 13

11. An increase in kVp affects the x-ray beam by causing it to
- have greater intensity.
 - be more homogeneous.
 - cover a larger area.
 - contain more long wavelengths.

ANS: A REF: p. 23 OBJ: 4

12. Image detail is affected by
- mAs and kVp.
 - kVp and SID.
 - focal spot size and patient motion.

