1. Which of the following statements is true regarding an MRI unit?

a. The MRI magnet is only on when you hear noises from the room

b. The MRI magnet is always on

c. The MRI magnet is only on during the daytime or when a technologist is present in the control room

d. The MRI magnet is only on when a patient is in the room.

2. Which of the following is true regarding equipment that can be brought into the MRI suite?

a. All Hospital equipment is MRI compatible and permissible to bring into the MRI

b. No metal of any kind can ever be brought into the MRI suite.

c. Only specialized equipment labeled MRI-safe can be brought into the MRI room

d. Metallic objects weighing less than 1 lb are permitted, all other metallic objects are forbidden to be brought within the MRI.

3. Which of the following is the correct statement regarding MRI contrast?

a. There is no reported incidence of allergy to MRI contrast medium

b. MRI contrast medium is reported to cause kidney failure in hospitalized patients

c. Patients who are allergic to shellfish must be pre-medicated prior to receiving MRI contrast medium

d. MRI contrast medium has been shown to cause nephrogenic systemic fibrosis.

4. Your patient is recommended to have an MRI, they have a history of hip replacement surgery. Which of the following is a correct statement?

a. Patients who have a history of joint replacement with metallic joints can not have an MRI

b. If the joint replacement was less than 2 months ago they may not have MRI.

c. All Orthopedic Hardware is MRI compatible.

d. Investigation as to the exact model and material used in the joint replacement would be helpful for a decision regarding MRI compatibility.

5. You are called to attend a coding patient in the MRI magnet room, which of the following is a correct statement regarding performing a code?

a. The patient should be moved outside of the MRI room before any attempts are made at coding the patient

b. When a code is called the magnet is turned off and any required personnel can enter the room to attend to the patient and can use any equipment available in the hospital

c. Members of the code team can enter the MRI suite after they have removed any non mri-safe equipment from their bodies assuming as well that they have no MRI incompatible implants

d. Only Radiology staff should attend to the patient who is coding

6. Your patient is recommended to have an MRI. Which of the following are not a contraindication for MRI?

a. Pacemaker

b. Cochlear implant

c. Metal shop worker with known intraorbital metallic fragments

d. Intubated patient

7. Your patient is recommended to have an MRI, they will require physician accompaniment into the MRI suite. Which of the following is correct?

a. All Physicians are permitted in the MRI suite

b. Only radiologist are allowed in the MRI suite

c. Personnel entering the MRI suite need to be screened for contraindications for entering the MRI suite

d. Assume you are allowed in unless told otherwise.

Extra credit question

8. Which of the following Marvel Cinematic Universe individual could safely have an MRI performed?

a. Magneto

b. Wolverine

c. Captain America

d. Colossus

e. Iron Man in Iron Man attire