**Question [A]**

**Multiple choice questions MCQs. Choose the most appropriate answer; only one.**

**(10 marks)**

1- Which of the following served as the first unit used to measure exposure to ionizing radiation?

1. Roentagen
2. Skin erethyma
3. Sievert
4. Rad

2- In the SI 1 J of energy absorbed from any type of ionizing radiation in 1Kg of any irradiated object equals:

1. 10 Sv
2. 5 C/Kg
3. 1 rad
4. 1Gy

6- All people have radioactive isotopes inside their bodies.

1. True
2. False

10- The most dominant factors that affecting absorbed dose are:

1. The affected tissue
2. The type of radiation used
3. Patient gender
4. a and b only

**Question [B]**

**Regards radiation protection quantities and units:**

**B.1 Define the Absorbed radiation dose. Write the equation and the SI unit of the absorbed dose. (3 marks)**

**Good luck**

**Alhanouf Alshedi**