

Radioactivity Quiz: questions and answers



1. What is radioactivity?

- The act of emitting radiation spontaneously
- The light emitted by stars
- The interaction of an acoustic wave with an obstacle placed along its path

2. How is radioactivity measured?

- Counting the millimeters
- Measuring the largest wiggle on the recording
- Counting how many atoms are spontaneously decaying each second

3. What is the unit of radioactivity?

- A meter
- A curie
- A volt

4. What are gamma rays?

- Energetic electrons that are emitted from the nucleus
- Particles made up of 2 protons and 2 neutrons
- Photons that are emitted from the nucleus

5. What is an example of natural radiation?

- Nuclear weapon detonations
- Cosmic rays

Coal-burning power plants

6. Who discovered radioactivity?

- Monique Sené
- Henri Becquerel
- Alexandru Proca

7. Why is radioactivity harmful?

- It disrupts the function of the cells
- It may cause Infertility in men
- It damages or destroys the tissues of the human body

8. What are the types of radiation?

- Alpha and beta particles, and gamma radiation
- Leptons, antiquarks, and antileptons
- Protons, neutrons, and electrons

9. What is radiotherapy?

- The audio practice for curing mental diseases
- The practice for curing the cancer
- The practice that helps plants grow faster

10. What's another name for radioactivity?

- A nuclear decay
- A beta particle
- A chemistry

Radioactivity Quiz: questions and answers

Right answers

1. What is radioactivity?

The act of emitting radiation spontaneously

2. How is radioactivity measured?

Counting how many atoms are spontaneously decaying each second

3. What is the unit of radioactivity?

A curie

4. What are gamma rays?

Photons that are emitted from the nucleus

5. What is an example of natural radiation?

Cosmic rays

6. Who discovered radioactivity?

Henri Becquerel

7. Why is radioactivity harmful?

It damages or destroys the tissues of the human body

8. What are the types of radiation?

Alpha and beta particles, and gamma radiation

9. What is radiotherapy?

The practice for curing the cancer

10. What's another name for radioactivity?

A nuclear decay