

Nuclear Physics MCQs

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Nuclear Physics MCQs

1. Which of the following is part of an atom

- A. Mole
- B. Gram mole
- C. Atomic Number
- D. Mole

Answer - Click Here:

C

2. Radioactive elements emit _____ particle.

- A. γ -particles
- B. α -particle
- C. β -particle
- D. None of these

Answer - Click Here:

B

3. The Activity is proportional to the number of

- A. undecayed nuclei
- B. decayed nuclei
- C. Daughter nuclei
- D. father nuclei

Answer - Click Here:

A

4. What will be the gamma emission, when we change nucleon number.

- A. Decreases by 1
- B. Definite
- C. Increase by 1
- D. Zero

Answer - Click Here:

D

5. When the radiation is emitted from splits than how many components it divided.

- A. 3 components
- B. 5 components
- C. 4 components
- D. 2 components

Answer - Click Here:

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A**6. What is the Most stable isotope in nature is**

- A. Uranium-235
- B. Carbon-12
- C. Iron-56
- D. Uranium-238
- E. None of these

 Answer - Click Here:**C****7. The mass will _____, when the energy is released from a system.**

- A. Increases
- B. Decreases
- C. Constant
- D. Zero

 Answer - Click Here:**B****8. What is the charge on Neutrons?**

- A. 1839 times of an electron
- B. 1739 times of an electron
- C. 1639 times of an electron
- D. 1939 times of an electron

 Answer - Click Here:**A****9. Which of the following is correct in the case of One atomic mass unit (AMU) is equal to**

- A. 1.66×10^{-20} g
- B. 1.66×10^{-24} g
- C. 1.66×10^{-22} g
- D. 1.66×10^{-26} g

 Answer - Click Here:**B****10. During the fission, what is the mass of products**

- A. Equal to the original nucleus
- B. More than the original nucleus
- C. less than the original nucleus
- D. Both B and C
- E. None of these

 Answer - Click Here:**A****11. What is the range of air alpha particle:**

- A. Several thousand meters

- B. Few centimeters
- C. Several meters
- D. None of these
- E. Several hundred meters

Answer - Click Here:

E

12. Who was discovered by

- A. W. Crooks
- B. Newton
- C. Einstein
- D. R.A. Millikan
- E. J.J. Thomson

Answer - Click Here:

E



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