

Nuclear Physics Objective Questions and Answers Pdf

Question: 1

Who suggested that electrons are revolving around the nucleus in circular orbits?

- (A) Sommerfeld
- (B) Rutherford
- (C) Prout
- (D) J.J. Thomson

Ans: B

Rutherford

Question: 2

Who suggested that all elements are made up of atoms of hydrogen?

- (A) Rutherford
- (B) J.J. Thomson
- (C) Prout
- (D) Dalton

Ans: C

Prout

Question: 3

_____ are used as MASER materials.

- (A) Diamagnetic ions
- (B) Ferromagnetic ions
- (C) Paramagnetic ions

(D) All the above

Ans: C

Paramagnetic ions

Question: 4

Dalton showed that the matter is made up of extremely small particles called ____

(A) Atoms

(B) Quarks

(C) Nuclei

(D) Molecules

Ans: A

Atoms

Question: 5

____ quantum number is useful in finding the possible elliptical orbits.

(A) Spin

(B) Magnetic

(C) Orbital

(D) Principle

Ans: C

Orbital