



Topic: Atoms, Molecules and Ions

Q. Choose the correct answer.

Chloride ion has number of protons

- A. 17
- B. 18
- C. 24
- D. 34

Smaller particles in an atom are called

- A. atomic particles
- B. subatomic particles
- C. smaller particles
- D. neutral particles

Chemical symbol represents

- A. chemical formula
- B. molecular formula
- C. structural formula
- D. atomic formula

Number of protons in a 'carbon' atom is

- A. 6
- B. 11
- C. 12
- D. 10

"O₃" is a chemical formula of

- A. oxygen
- B. oxides
- C. ozone
- D. acid rain

Ammonia molecule contains one nitrogen atom and three atoms of

- A. hydrogen
- B. helium
- C. nitrogen
- D. carbon

As compare to hydrogen atom, helium atom is

- A. very small
- B. very massive
- C. medium in mass fraction
- D. same in volume

Major part of an atom is

- A. empty
- B. filled
- C. charged
- D. covered

Rutherford's Model explains that atom has a nucleus which is surrounded by

- A. protons
- B. electrons
- C. neutrons
- D. nuclear energy

Dalton's model of atom states that an atom is

- A. very small
- B. hard sphere
- C. indivisible
- D. all of above

Number of protons and electrons in an atom is

- A. different
- B. same
- C. average
- D. constant

Electrons orbiting around nucleus bear

- A. positive charge
- B. negative charge
- C. no charge
- D. neutral charge

An atom's model that atom is composed of electrons surrounded by a group of positive charge to balance electrons' negative charges is called

- A. Thomson's Model
- B. Rutherford's Model
- C. Dalton's Model
- D. Bohr's Model

Positively charged particles of an atom are called

- A. protons
- B. neutrons
- C. electrons
- D. charges

Atoms And Molecules Answers

G Psacharopoulos



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