

Virt&I-Comm.3.2012.20

TEST 1

Question 1

Almost the entire mass of an atom is concentrated in the:

- a. electrons
- b. nucleus
- c. neutrons
- d. muons
- e. proton

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Question 2

Electron was discovered by:

- a. Goldstein
- b. Bohr
- c. Thomson
- d. Chadwick
- e. Rutherford

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Question 3

An atom has a mass number of 23 and atomic number 11. The number of protons are:

- a. 44
- b. 11
- c. 12
- d. 34
- e. 23

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Question 4

The mass of the atom is determined by:

- a. neutrons and protons
- b. electrons and protons
- c. electrons and neutrons
- d. electrons
- e. neutrons

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Question 5

The proton is heavier than an electron by

- a. 1810 times
- b. 100 times
- c. 1840 times
- d. 1000 times
- e. 1400 times

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Question 6

Carbon-12 atom has:

- a. 6 electrons, 12 protons, 6 neutrons
- b. 6 electrons, 6 protons, 6 neutrons
- c. 18 electrons, 6 protons, 6 neutrons
- d. 12 electrons, 12 protons, 12 neutrons
- e. 12 electrons, 6 protons, 6 neutrons

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Question 7

Chadwick got the Nobel Prize for the discovery of:

- a. electrons
- b. neutrons
- c. muons
- d. mesons
- e. protons

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Question 8

Mass number is equal to the:

- a. number of protons+number of electrons
- b. number of neutrons+number of electrons
- c. number of electrons
- d. number of protons+number of neutrons
- e. number of protons

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Question 9

The volume of the nucleus of an atom when compared to the extra nuclear part is:

- a. smaller
- b. same size
- c. bigger
- d. depending on the atom
- e. unpredictable

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Question 10

The fixed circular paths around the nucleus are called:

- a. orbitals
- b. orbits
- c. mesons
- d. electrons
- e. nucleons

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Salva senza inviare

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Invia tutto e termina