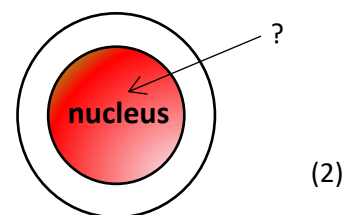

1. *ATOMS TEST*

CHOOSE A, B, C OR D ONLY:

QUESTION 1:

1.1 Which particles move around the part shown?

- A. Atoms.
- B. Protons.
- C. Electrons.
- D. Neutrons.

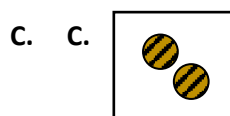
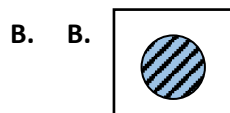
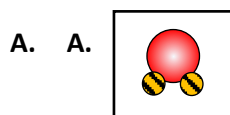


1.2 Which substance is a diatomic element?

- A. Fluoride
- B. Magnesium.
- C. Iodine
- D. A and C.

(2)

1.3 Which diagram represents a connection?



- D. D. None of the above.

(2)

1.4 Which option is an example of a mixture?

- A. Smoke coming from a factory.
- B. Magnesium.
- C. Table salt.
- D. Carbon dioxide.

(2)

1.5 'n Proton is:

- A. Positively charged and occurs in the energy levels
- B. Positively charged and occurs in the nucleus of the atom
- C. Positively charged and occurs outside the core
- D. Negatively charged and is on the energy levels.

(2)

[10]

QUESTION 2:

- 2.1 Which particles are found in the nucleus of an atom?
- 2.2 How many of the particles are present in the nucleus of the carbon atom?
- 2.3 Which particles occur around the nucleus?

(2)

(2)

(1)

[5]

QUESTION 3:

- 3.1 Define the term compound.
- 3.2 Draw a diagram of an example of a compound and indicate with labels the following:
 - The molecule.
 - The nucleus of each atom.
- 3.3 Tabulate the difference between elements and compounds and also give an example of each.

(2)

(3)

(4)

[9]