

GRADE 10 PHYSICAL SCIENCES NOVEMBER EXAMINATION PAPER 2: CHEMISTRY

SECTION A: QUESTION 1

Various options are provided as possible arewers to the following questions. Choose the correct answer and write CALY the LETTER (A-D) next to the QUESTION NUMBER in your answer book.

1.1	Which of the following is an example of a mixture?			
	A	dicibled water		
	0	damond		
	C	sodum-chknide		

- Dement with the electron configuration: 1st, 2st, 2gt
 - oxygen

carbon.

- helium.
- nitrogen.
- The chemical formula of sodium suffice:
 - Next.
 - No.5
 - No.5
 - No.S.

1.4 Strongest intermole:	sular force found in water?	H
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- lon-dipole
- Dipole-dipole
- Van der Waals.
- Hydrogen bond

1.5 The particles of a gas

- are Sightly packed.
- vibrate against each other.
- move freely and rarely touch.
- move over one another.

1.6 Element with the highest electronegativity?

- Hydrogen.
- Hebian.
- Oxygen.
- Fluoring

1.7 When an atom of Group 16 ionises to become atom the

- mass number of the atom will increase.
- atomic rumber of the atom will decrease
- number of electrons will decrease
- number of electrons will increase

1.8 An element with the following Authou diagram will be classified as a:

1	ı.		31
1	14	24	20
			21
11			31

Construction .

- noble gas
- halogen.
- alkali sarth-metal
- alkali metali

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Shasha Hu

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