تجميعات " ريفان و ود "

دعواتكم 🙏💛💛.

CHEMISTRY

2020

الميد الأول

Question No. 4

The electron configuration of Ne is .....

- $1s^2\ 2s^2\ 2p^6$
- $1s^2\ 2s^2\ 2p^5$
- $1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 4s^2$
- $1s^2\ 2s^2\ 2p^3$

Save & Next

MKCL OES
Online Evaluation System

Total questions in exam: **25** | Answered: **2**

Question No. 2

How many inches are there in 0.5 km? (1 inch = 2.54 cm)

- 127000 inch
- 19685 inch
- 1968.5 inch
- 12700 inch

Total questions in exam: **25** | Answered: **2**

Question No. 1

If the temperature is 128 °F, what is the temperature in degrees Celsius?

- 53.33 °C
- 262.40 °C
- 401.15 °C
- 145.15 °C

Save & Next

Chemistry_Quiz1_Sem2_2020

Liquids have a ..... mass, a ..... volume, and a ..... shape.

- constant, fixed, variable
- constant, fixed, definite
- constant, variable, definite
- variable, variable, definite

Save & Next

MCQ OES Exam Client Version 2.0.0.1

HP Compaq LE1711

Chemistry_Quiz1_Sem2_2020

Question No. 13

The electronic distribution of the electrons on the principal energy levels of $_{17}Cl$ is .....

- 2, 8, 7
- 2, 2, 8, 5
- 2, 8, 2, 5
- 2, 2, 5, 8

Save & Next

HP Compaq LE1711

Chemistry_Quiz1_Sem2_2020

Which of the following properties is **NOT** a characteristic of the group 8A (18) in the periodic table?

- They are poor conductors of electricity.
- They are poor conductors of heat.
- They are gases at room temperature.
- They are shiny.

Save & Next

HP Compaq LE1711

Total questions in exam: **25** | Answered: **2**

Question No. 1

If the temperature is 128 °F, what is the temperature in degrees Celsius?

- 53.33 °C
- 262.40 °C
- 401.15 °C
- 145.15 °C

Save & Next

MKCL OES

Chemistry_Quiz1_Se

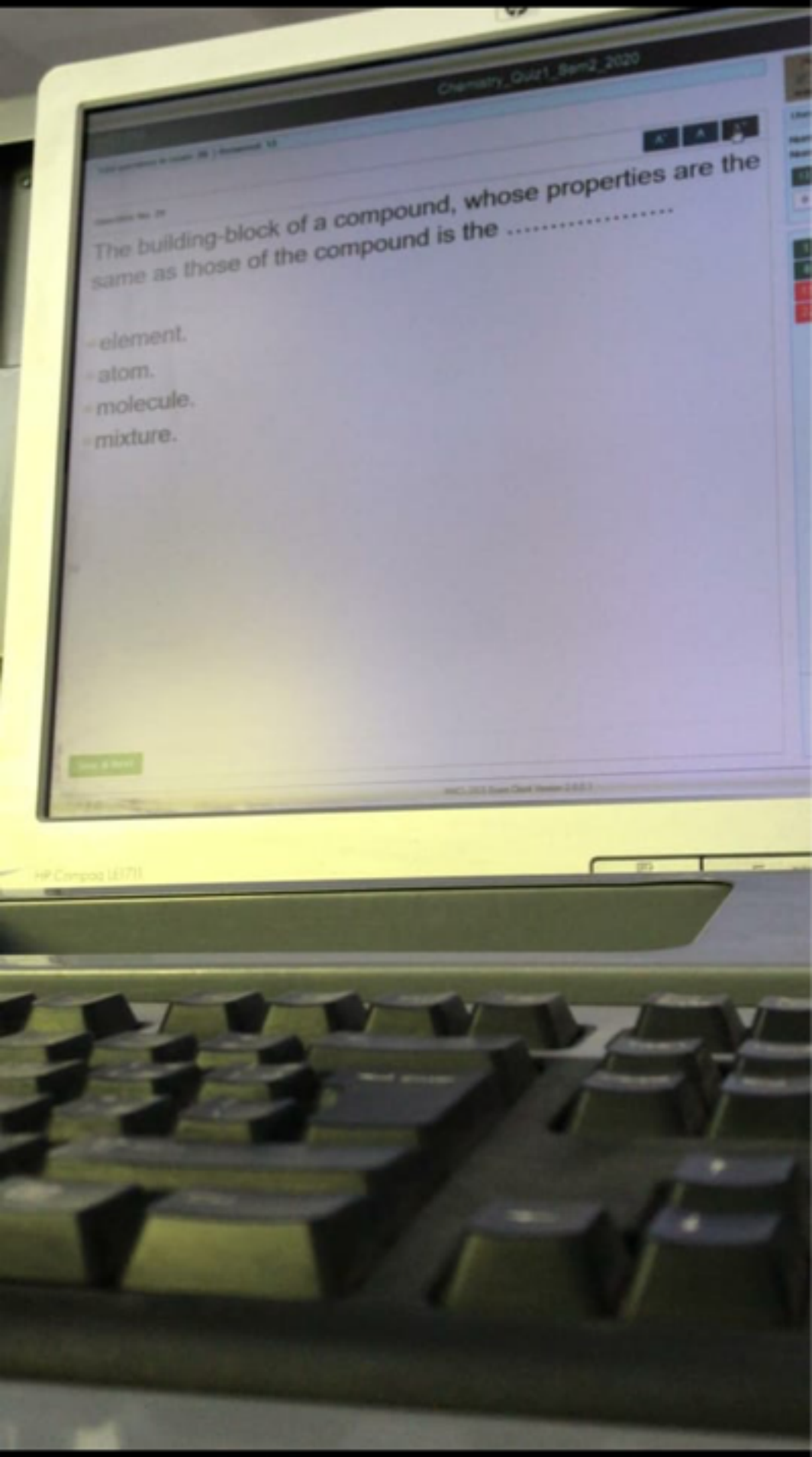
Total questions in exam: **25** | Answered: **7**

Question No. 3

Which one of the following species has same number of electrons as Mg^{2+} cation?

- K^+
- Cl^-
- S^{2-}
- F^-

Save & Next


Chemistry_Quiz1_Sem2_2020
The building-block of a compound, whose properties are the same as those of the compound is the .....
element.
atom.
molecule.
mixture.

If the density chloroform is 1.492 g/mL, what is the mass of 225 mL?

- 226.49 g
- 150.80 g
- 335.70 g
- 6.63×10^{-3} g

Save & Next

HP Compaq LE1711

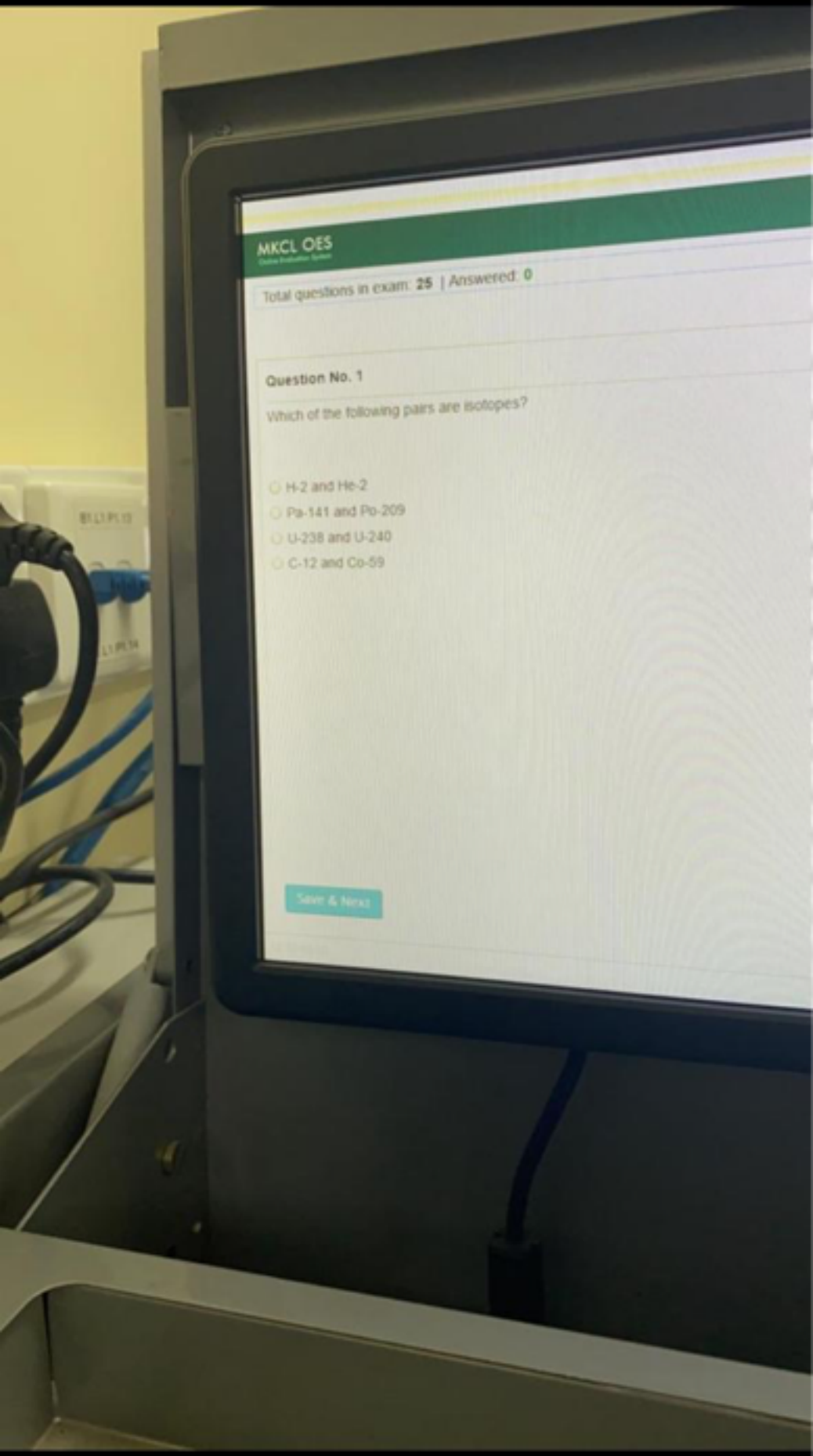
Chemistry_Quiz1_Sem2_2020

The Rutherford gold foil experiment demonstrated that atoms .....

- are visible to the naked eye
- are homogeneous
- consist of an almost empty nucleus surrounded by a dense cloud of electrons.
- consist of a dense nucleus surrounded by mostly empty space.

Save & Next

Compaq LE1711


MKCL OES
Total questions in exam: 25 | Answered: 0
Question No. 1
Which of the following pairs are isotopes?
H-2 and He-2
Pa-141 and Po-209
U-238 and U-240
C-12 and Co-59
Save & Next

Chemistry_Quiz1_Sem2_2020

An iodine (I) atom has a mass number, A = 131. How many protons, neutrons, and electrons does it have?

- 53 protons, 131 neutrons, 54 electrons.
- 53 protons, 78 neutrons, 53 electrons.
- 39 protons, 78 neutrons, 39 electrons.
- 53 protons, 78 neutrons, 54 electrons.

Save & Next

HP Compaq LE1711

Chemistry_Quiz1_Sem2_2020

The "f" sublevel can hold up to ..... electrons.

- 18
- 8
- 14
- 6

Save & Next

MKCL OES Exam Client Version 2.0.0.1

HP Compaq LE1711

Chemistry_Quiz1_Sem2_2020

Question No: 7

In the periodic table, group 7A (17) elements are also called .....

- alkaline earth metals.
- alkali metals.
- noble gases.
- halogens.

Save & Next

MKCL OES Exam Client Version 2.0.0.1

HP Compaq LE1711

MKCL OES

Chem

Total questions in exam: 25 | Answered: 12

Question No. 20

How many unpaired electrons are there in an iron atom (Fe) in its ground state?

- 2
- 4
- 6
- 0

Save & Next

MKCL OES

Total questions in exam: **25** | Answered: **2**

Question No. 14

Compounds are composed of .....

- bonded atoms of two or more elements.
- only one type of atoms.
- bonded atoms of the same element.
- two or more mixed substances.

Save & Next

MKCL OES

Chemistry_Quiz1_Sem2_2020

Total questions in exam: **25** | Answered: 3

A⁻ A A⁺

Question No. 1

How many micrometers are there in 6.0 km?

- 6.0×10^{6} micrometers
- 1.7×10^{-9} micrometers
- 6.0×10^{9} micrometers
- 1.7×10^{-4} micrometers

Save & Next

10.65.7.215

MKCL OES Exam Client Version 2.0.0.1

HP L1710

MKCL OES

Chemistry_Quiz1_Sem2_2

Total questions in exam: **25** | Answered: **11**

Question No. 2

A pure substance is .....

- composed of two or more different types of atoms or molecules combined in variable proportions.
- composed of only one type of atoms or molecules.
- composed of two or more regions with different compositions.
- composed of two or more different types of atoms or molecules homogenously mixed together.

Save & Next

MKCL OES Exam Client Version: 2.0.0.1

MKCL OES

Total questions in exam: **25** | Answered: **11**

Question No. 6

How would you classify sugar?

- A heterogeneous mixture.
- A homogeneous mixture.
- An element.
- A compound.

Save & Next

10.65.7.215

HP LE1851w

MKCL OES

Total questions in exam: **25** | Answered: **11**

Question No. 20

Which of the following statements is **NOT** correct?

- Atoms are made of subatomic particles.
- An atom has mass.
- Atoms are invisible.
- Each element is formed of different atoms.

Save & Next

HP LE1851w

MKCL OES

Chemis

Total questions in exam: **25** | Answered: **11**

Question No. 7

When an atom gains electron, the resulting particle is called .....

- an isotope.
- a proton.
- a cation.
- an anion.

Save & Next

MKCL OES

Chem

Total questions in exam: **25** | Answered: **11**

Question No. 5

Which of these is a physical property?

- Lead (Pb) becomes a liquid when heated to 601 degree Celsius
- Acidity of sulfuric acid
- Flammability of gasoline
- Toxicity of cyanide

Save & Next

MKCL OES Exam

MKCL OES

Chemistry_

Total questions in exam: **25** | Answered: **11**

Question No. 16

..... has one kind of atoms while ..... has more than one kind.

- A compound, an element
- An element, a compound
- A mixture, an element
- A mixture, a compound

Save & Next

MKCL OES

Chemistry

Total questions in exam: **25** | Answered: **11**

Question No. 10

Isotopes are .....

- atoms of the same element that have the same number of neutrons.
- atoms of the same element that have different number of neutrons.
- atoms of the same element that have different number of electrons.
- atoms of the same element that have different number of protons.

Save & Next

LE1851w

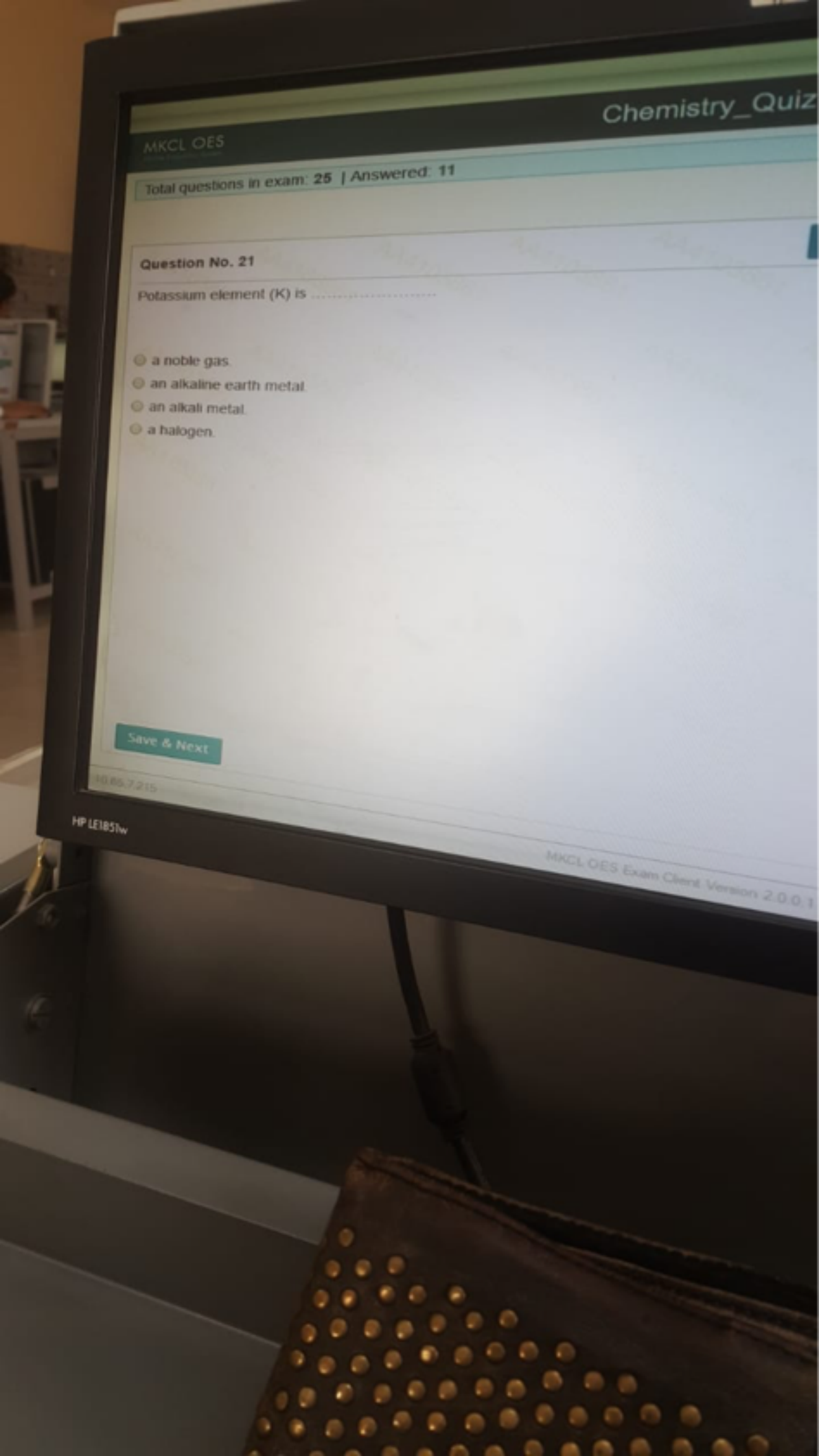
Total questions in exam: **25** | Answered: **11**

Question No. 11

Which orbital-filling diagram does NOT obey Hund's rule?

- ↑ (4s) ↑ ↑ ↑ (3d) ↑ ↑
- ↑↓ (4s) ↑ ↑ ↑ (3d) ↑ —
- ↑↓ (4s) ↑↓ ↑ ↑ (3d) — —
- ↑↑ (4s) ↑ ↑ ↑ (3d) ↑ —

Save & Next


MKCL OES
Chemistry_Quiz
Total questions in exam: 25 | Answered: 11
Question No. 21
Potassium element (K) is .....
a noble gas.
an alkaline earth metal.
an alkali metal.
a halogen.
Save & Next
10.65.7.215
HP LE1851w
MKCL OES Exam Client Version 2.0.0.1

MKCL OES

Chemistry_Quiz1_Sem2_

Total questions in exam: **25** | Answered: **11**

Question No. 19

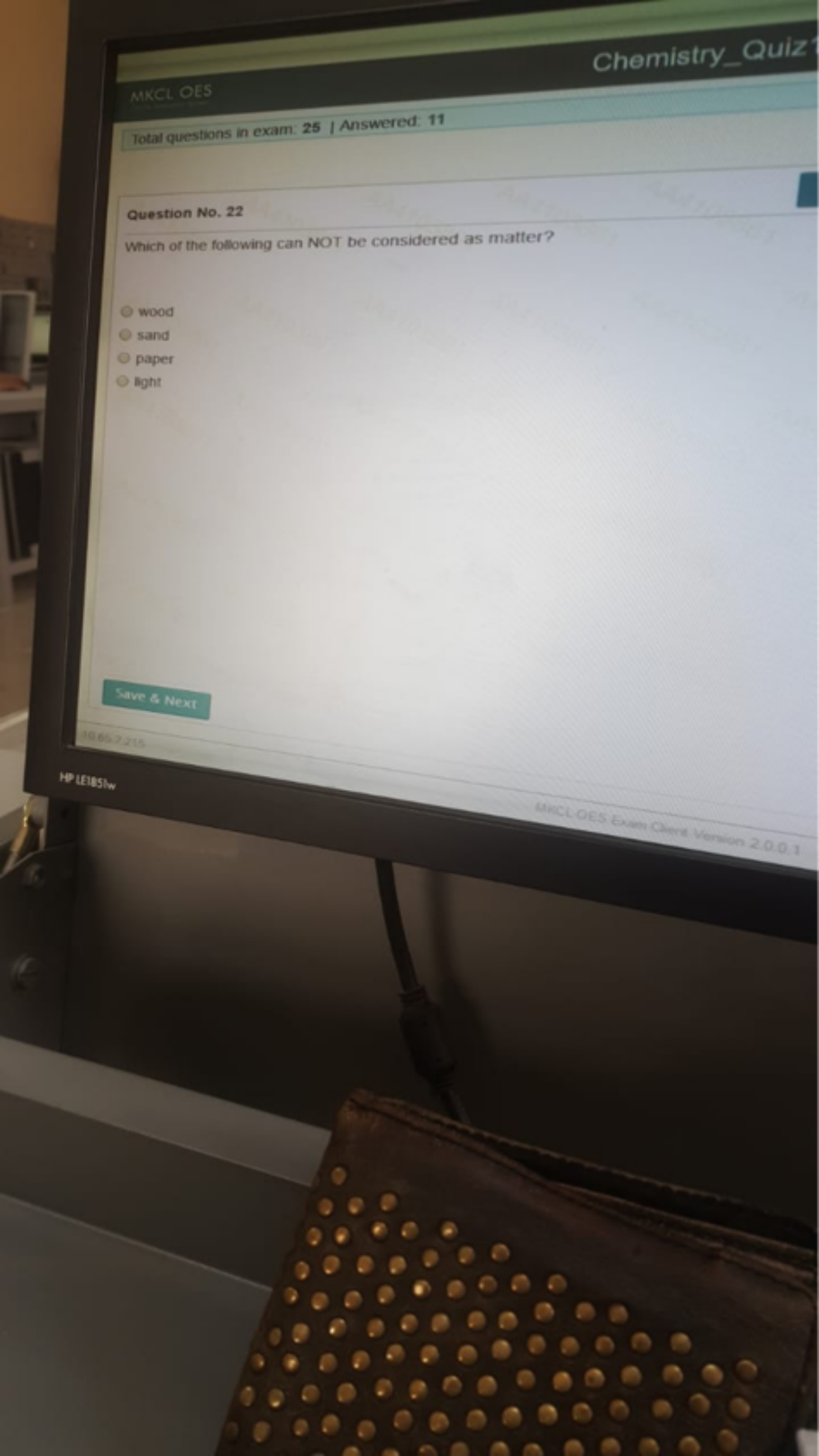
A⁻ A

Which of the following properties is **NOT** a characteristic of the group 8A (18) in the periodic table?

- They are gases at room temperature.
- They are shiny.
- They are poor conductors of electricity.
- They are poor conductors of heat.

& Next

MKCL OES Exam Client Version 2.0.0.1


MKCL OES
Chemistry_Quiz1
Total questions in exam: 25 | Answered: 11
Question No. 22
Which of the following can NOT be considered as matter?
wood
sand
paper
light
Save & Next
10.65.7.215
HP LE1851w
MKCL OES Exam Client Version 2.0.0.1

MKCL OES

Chemistry_Quiz1_S

Total questions in exam: **25** | Answered: **11**

A⁻

Question No. 23

How many unpaired electrons are there in an Iron atom (Fe) in its ground state?

- 0
- 6
- 2
- 4

Save & Next

10.65.7.216

HP LE1851w

MKCL OES Exam Client Version 2.0.0.1

Chemi

MKCL OES
Online Evaluation System

Total questions in exam: **25** | Answered: **12**

Question No. 23

Nonmetals exist as .....

- liquids.
- all of them.
- solids.
- gases.

Save & Next

MKCL OES

Chemistry_Quiz1_Se

Total questions in exam: **25** | Answered: **11**

Question No. 24

A⁻

Which one of the following elements is a poor conductor of heat and electricity?

- Copper (Cu)
- Fluorine (F)
- Iron (Fe)
- Lead (Pb)

Save & Next

10.65.7.215

HP LE1851w

MKCL OES Exam Client Version 2.0.0.1

Nitrogen gas has a(n) _____ volume and a(n) _____ shape

- definite; indefinite
- definite; definite
- indefinite; definite
- indefinite; indefinite

MKCL OES
Online Evaluation System

Chem

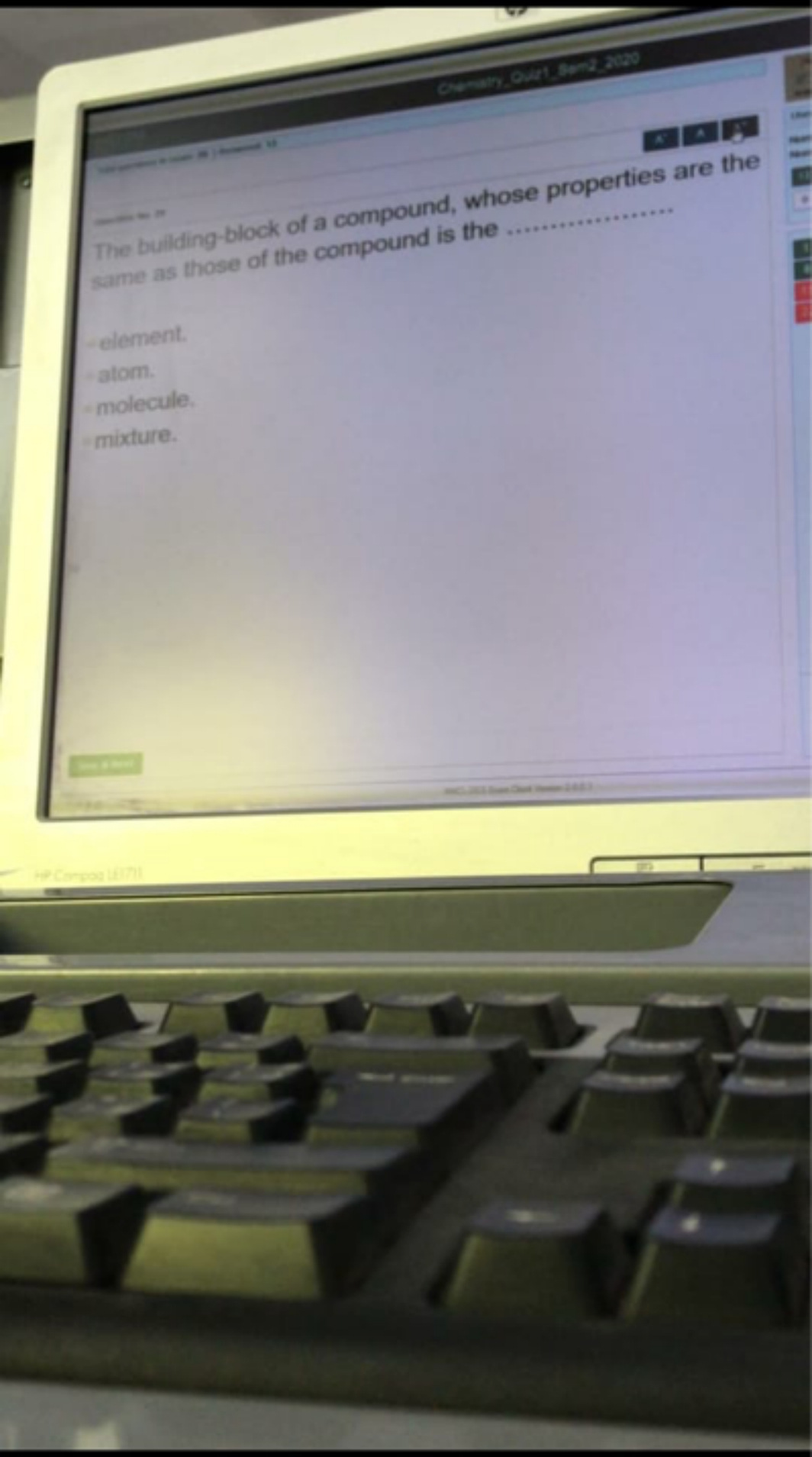
Total questions in exam: 25 | Answered: 12

Question No. 25

H_2 is an example on .....

- atomic elements
- molecular elements
- compounds
- homogeneous mixtures

Save & Next


Chemistry_Quiz1_Sem2_2020
The building-block of a compound, whose properties are the same as those of the compound is the .....
element.
atom.
molecule.
mixture.

Chemistry_Quiz1_Sem2_2020

Which of the following properties is **NOT** a characteristic of the group 8A (18) in the periodic table?

- They are poor conductors of electricity.
- They are poor conductors of heat.
- They are gases at room temperature.
- They are shiny.

Save & Next

HP Compaq LE1711

Total questions in exam: **25** | Answered: **2**

Question No. 1

If the temperature is 128 °F, what is the temperature in degrees Celsius?

- 53.33 °C
- 262.40 °C
- 401.15 °C
- 145.15 °C

Save & Next

Chemistry_Quiz1_Sem2_2020

Question No. 14

Consider the Bromine isotope Br-81, select the combination which lists respectively the atomic number, neutrons number, and mass number.

- 46, 81, 35
- 35, 46, 81
- 35, 81, 46
- 81, 46, 35

Save & Next

HP Compaq LE1711

Question No. 13

An element cannot .....

- combine with other elements to form compound.
- be part of a heterogeneous mixture.
- be part of a homogeneous mixture.
- be broken down into simpler substances in a chemical process.

Save & Next

HP Compaq LE1711

Chemistry_Quiz1_Sem2_2020

The Rutherford gold foil experiment demonstrated that atoms .....

- are visible to the naked eye
- are homogeneous
- consist of an almost empty nucleus surrounded by a dense cloud of electrons.
- consist of a dense nucleus surrounded by mostly empty space.

Save & Next

Compaq LE1711

MKCL OES

Total questions in exam: 25 | Answered: 12

Question No. 15

An anion is defined as .....

- a group of stable atoms.
- a charged atom or group of atoms with a net negative charge.
- an atom or group of atoms with a net positive charge.
- a stable atom.

Save & Next

MKCL OES

Chemis

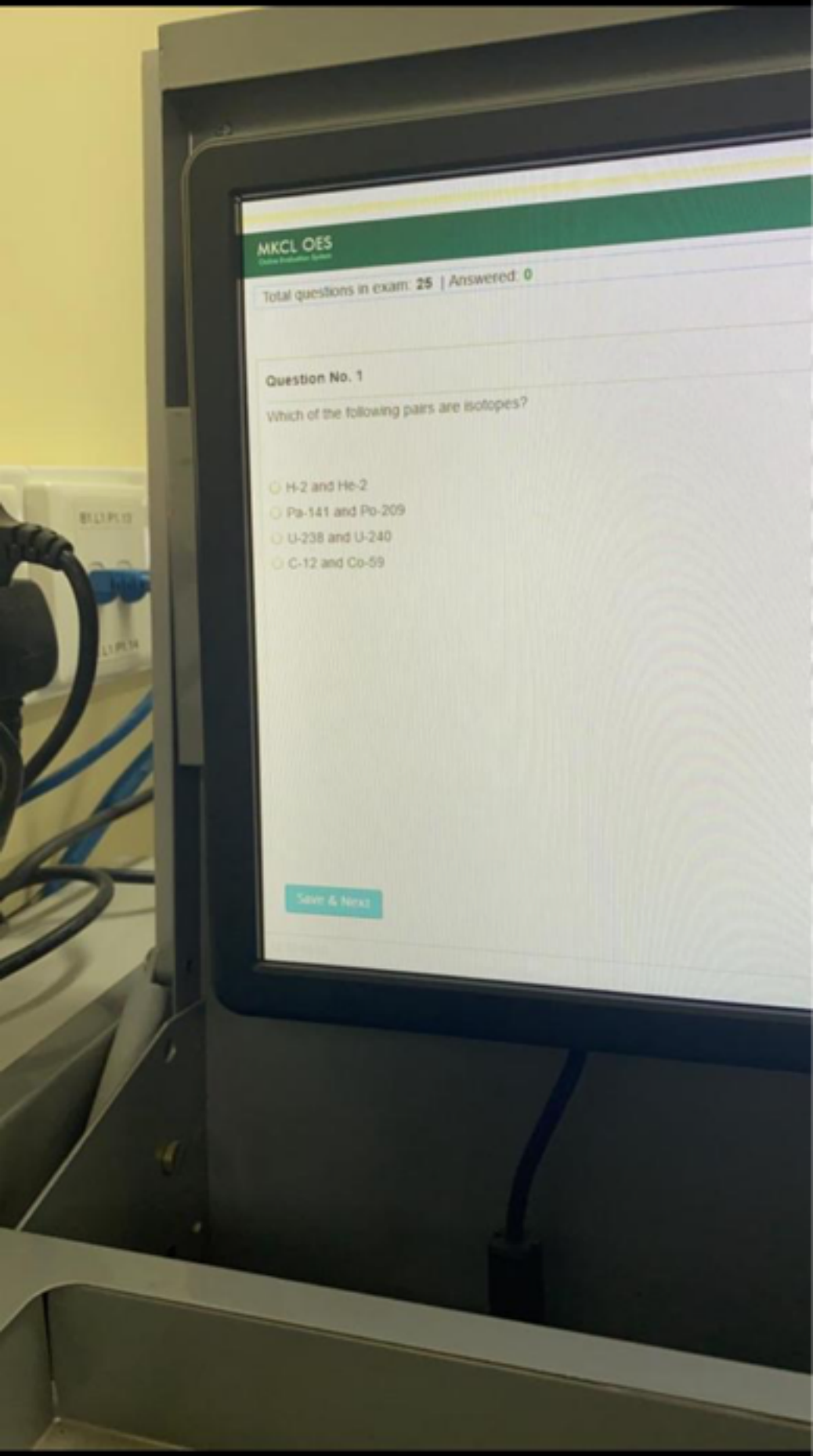
Total questions in exam: **25** | Answered: **12**

Question No. 24

What is the class of P_4?

- Compound
- Homogeneous mixture
- Molecular element
- Heterogeneous mixture

Save & Next


MKCL OES
Total questions in exam: 25 | Answered: 0
Question No. 1
Which of the following pairs are isotopes?
H-2 and He-2
Pa-141 and Po-209
U-238 and U-240
C-12 and Co-59
Save & Next

Question No. 23

Which of the following measurements are NOT equivalent?

- 24 dL = 2.4 L
- 150 msec = 0.150 sec
- 84 cm = 8.4 mm
- 25 mg = 0.025 g

Save & Next

HP Compaq LE1711

MKCL OES

Total questions in exam: 25 | Answered: 12

Question No. 15

An anion is defined as .....

- a group of stable atoms.
- a charged atom or group of atoms with a net negative charge.
- an atom or group of atoms with a net positive charge.
- a stable atom.

Save & Next

MKCL OES

Chemistry_

Total questions in exam: **25** | Answered: **12**

Question No. 17

Which of the following statements about energy is FALSE?

- Energy is the capacity to do work.
- Energy can neither be created nor destroyed.
- Energy cannot be transformed from one form to another.
- Energy is a fundamental part of chemical and physical changes.

Save & Next

MKCL OES

Chemistry_Quiz1_Sem2_2020

Total questions in exam: **25** | Answered: 3

A⁻ A A⁺

Question No. 1

How many micrometers are there in 6.0 km?

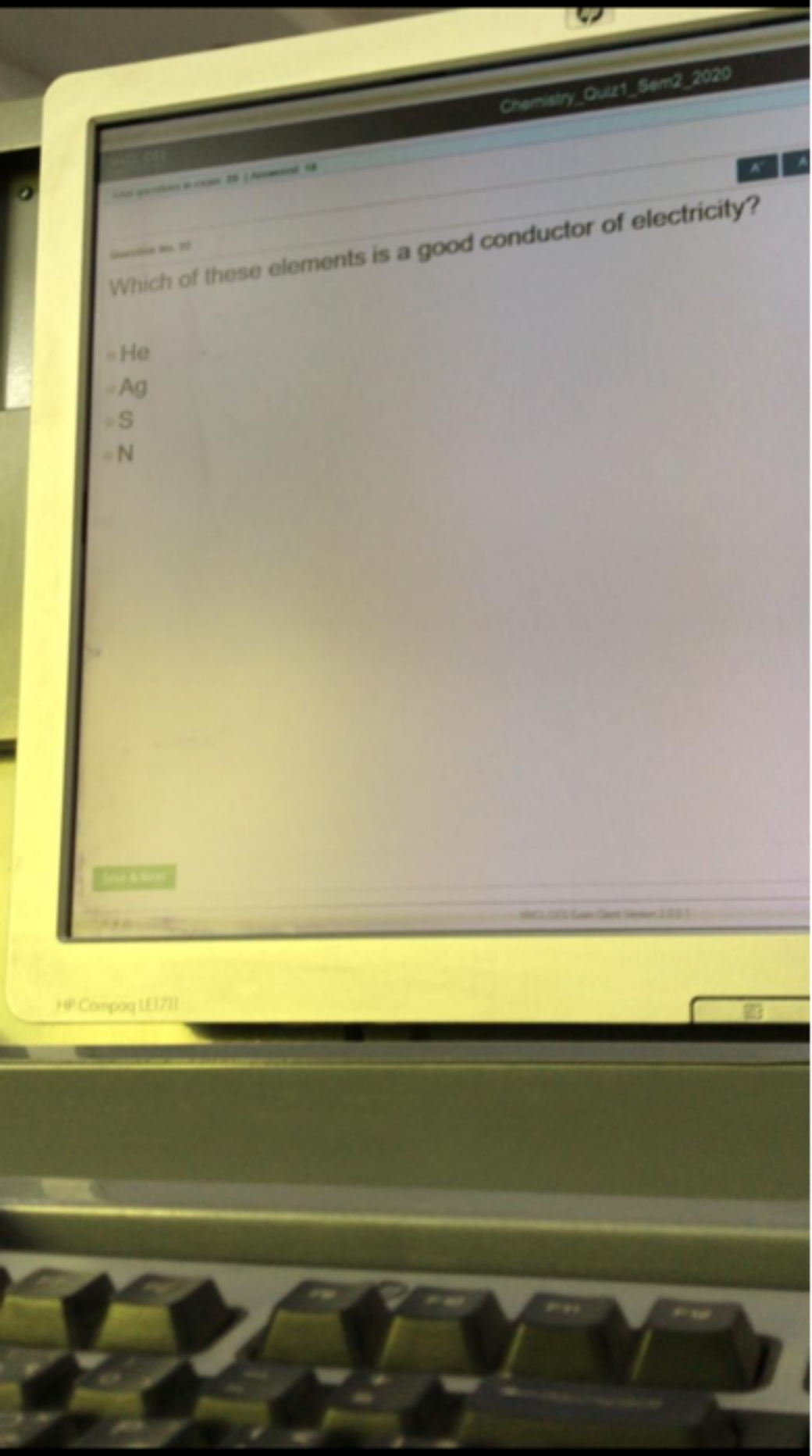
- 6.0×10^{6} micrometers
- 1.7×10^{-9} micrometers
- 6.0×10^{9} micrometers
- 1.7×10^{-4} micrometers

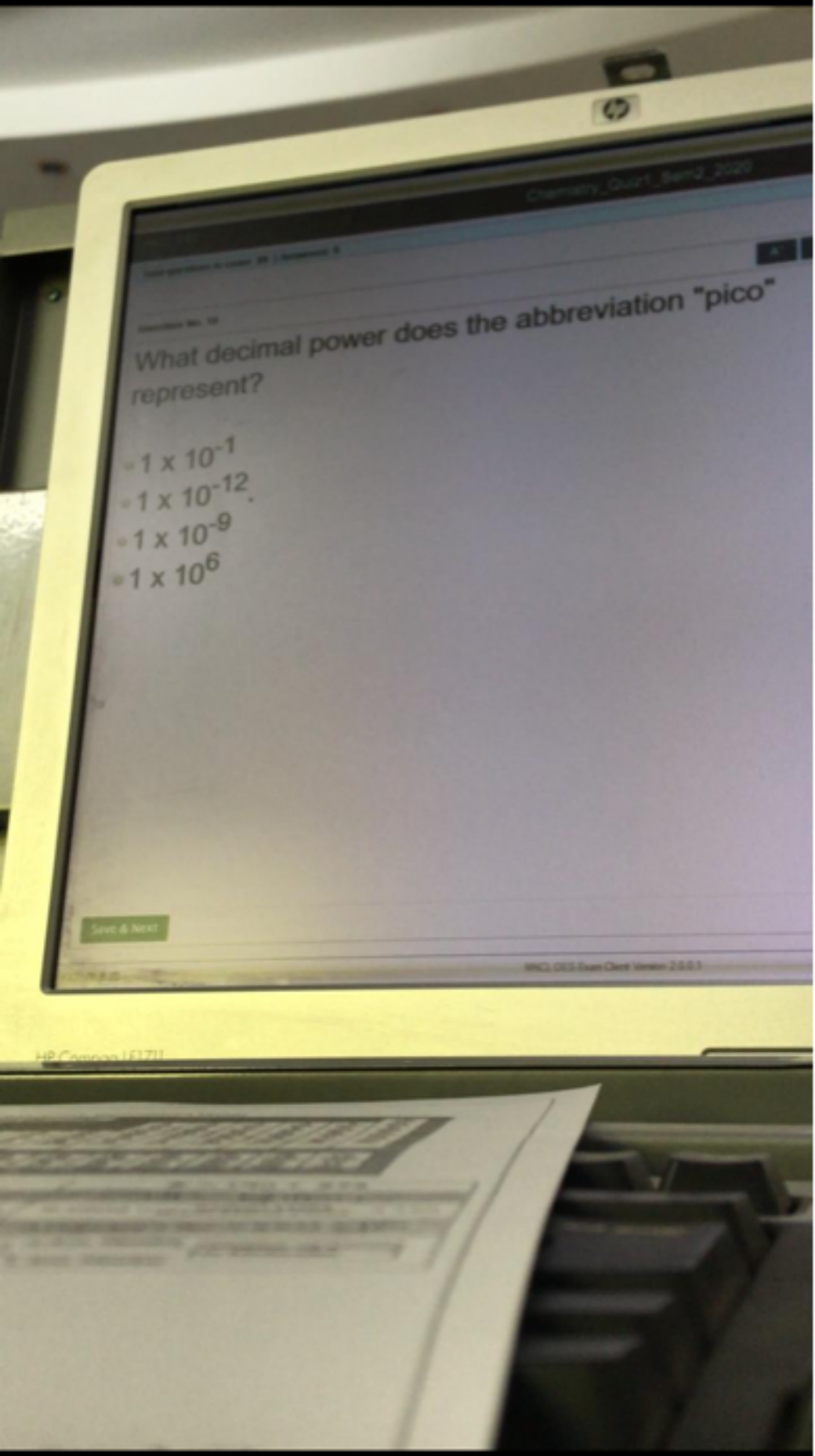
Save & Next

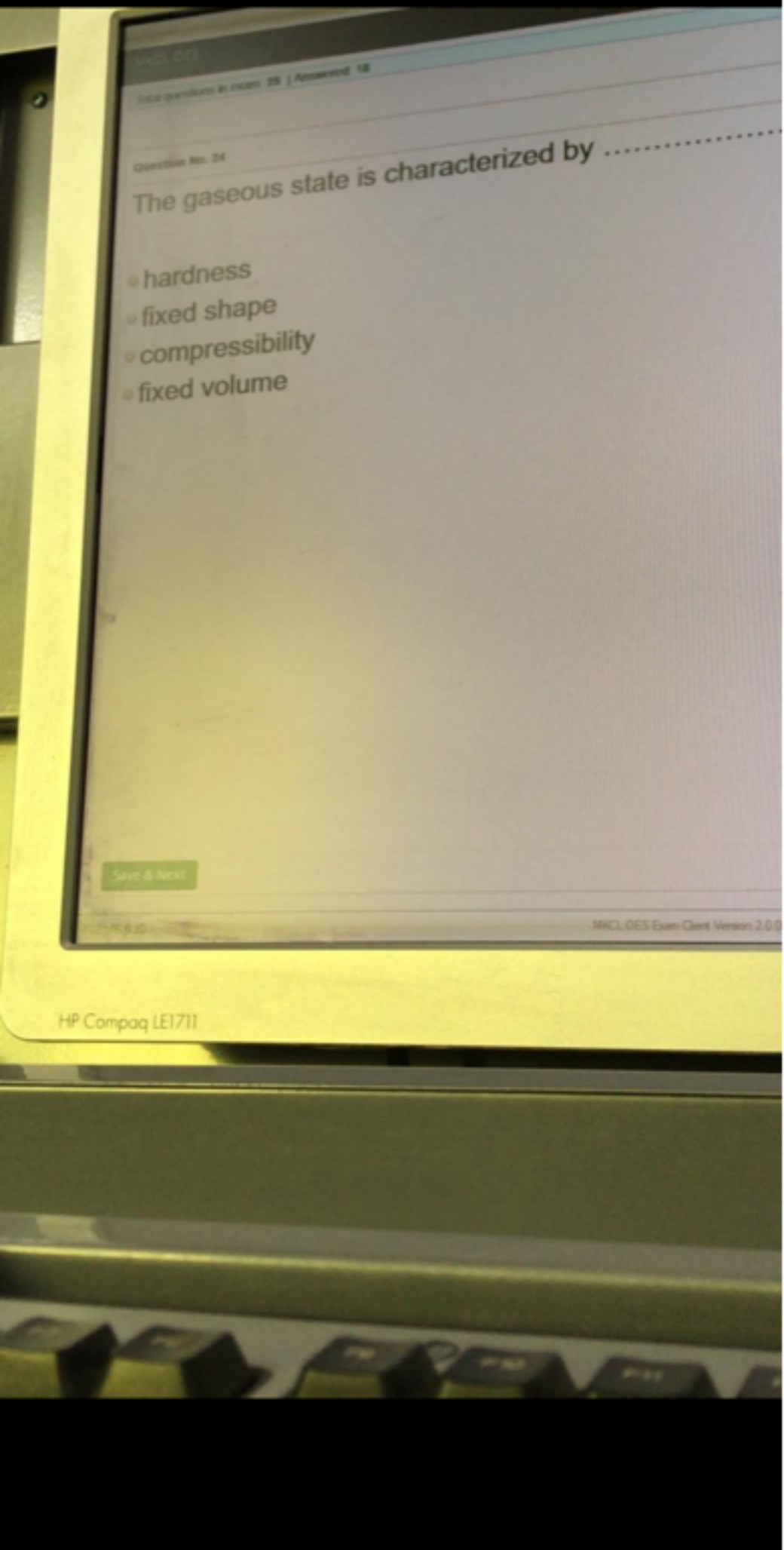
10.65.7.215

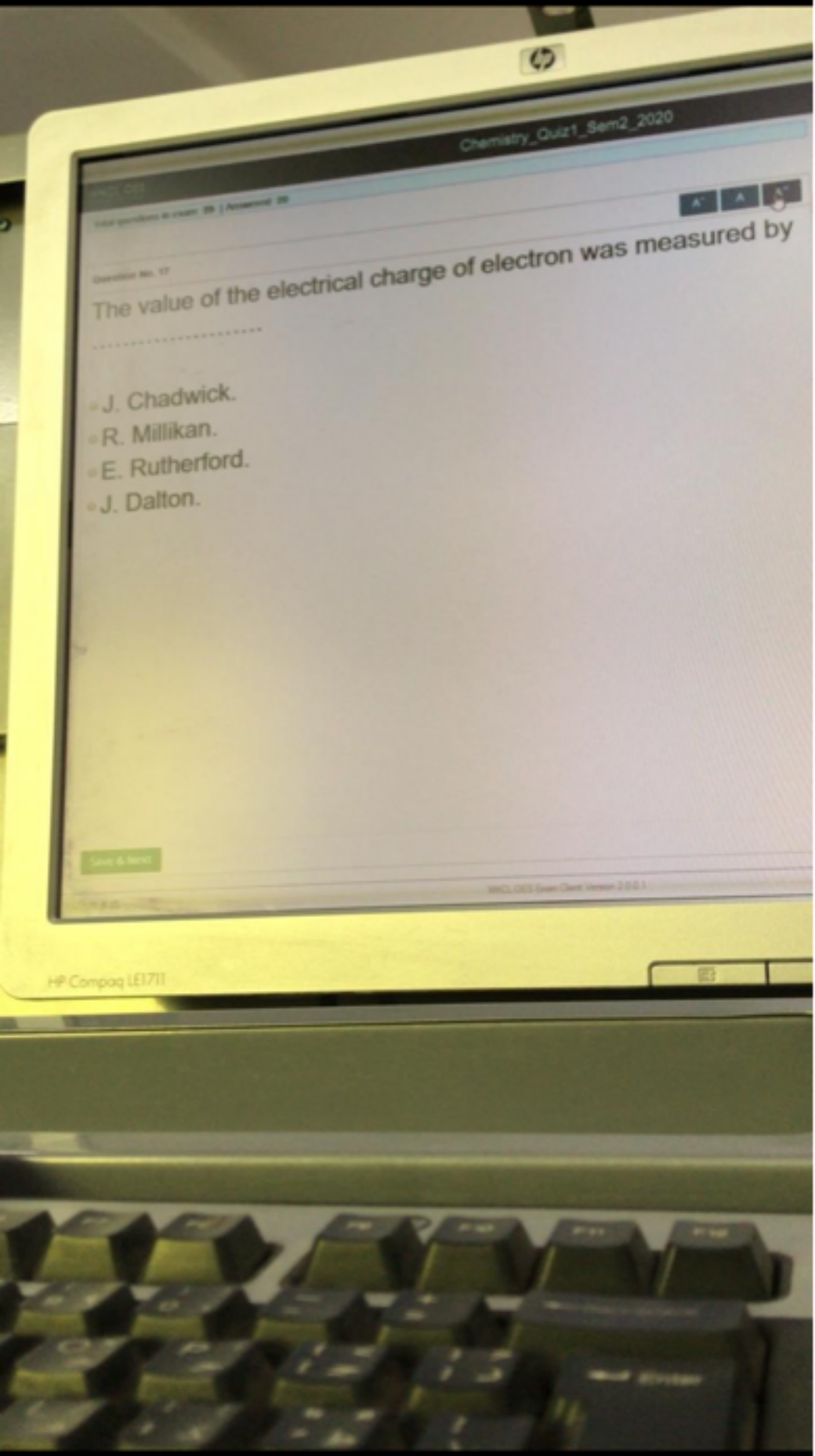
MKCL OES Exam Client Version 2.0.0.1

HP L1710


Chemistry_Quiz1_Sem2_2020
Which of these elements is a good conductor of electricity?
He
Ag
S
N
HP Compaq LE1711


Chemistry_Quiz1_Sem2_2020
What decimal power does the abbreviation "pico" represent?
1 x 10-1
1 x 10-12
1 x 10-9
1 x 106
Save & Next


Question No. 24
The gaseous state is characterized by .....
hardness
fixed shape
compressibility
fixed volume
Save & Next
MKCL OES Exam Client Version 2.0.0
HP Compaq LE1711


Chemistry_Quiz1_Sem2_2020
The value of the electrical charge of electron was measured by
.....
J. Chadwick.
R. Millikan.
E. Rutherford.
J. Dalton.
Save & Next
HP Compaq LE1711

Total questions in exam: 25 | Answered: 14

Question No. 14

Compounds are composed of .....

- bonded atoms of two or more elements.
- only one type of atoms.
- bonded atoms of the same element.
- two or more mixed substances.

Question No. 11

Which of the following determines the identity of an atom?

- The number of neutrons.
- The number of electrons.
- The number of protons.
- The total number of protons and neutrons.

Save & Next

Question No. 8

Which of the following is NOT a way of changing the state of matter?

- Melting
- Freezing
- Mixing
- sublimation

Question No. 19

The fact that Carbon and Oxygen can combine together in different ratio of 1:1 and 1:2 is a representation to the Law of

.....

- definite proportions.
- conservation of matter.
- conservation of energy.
- multiple proportions.

Question No. 18

The maximum number of electrons that may occupy the second energy level (n = 2) in the atom

- 2
- 8
- 10
- 18

Question No. 18

A⁻ A A⁺

Melting is a process in which ..... changes into ....., and it requires ..... the temperature.

- a solid, a gas, increasing
- a liquid, a gas, decreasing
- a liquid, a solid, increasing
- a solid, a liquid, increasing

Question No. 3

Which of these elements is chemically similar to Chlorine (Cl)?

- Sulfur
- Bromine
- Krypton
- Germanium

Question No. 1

The drops of water that appear on the outside of a glass of cold juice are an example of .....

- sublimation
- freezing.
- evaporation
- condensation

How many protons, neutrons, and electrons respectively are there in an atom of Sodium?

$^{24}_{11}Na$

- 24, 11, 12
- 11, 13, 11
- 13, 12, 24
- 11, 11, 24

Which of these is a physical property?

- Acidity of sulfuric acid
- Lead (Pb) becomes a liquid when heated to 601 degree Celsius
- Flammability of gasoline
- Toxicity of cyanide

Question No. 15

Melting is a process in which ..... changes into ....., and it requires ..... the temperature.

- a solid, a gas, increasing
- a liquid, a gas, decreasing
- a liquid, a solid, increasing
- a solid, a liquid, increasing

Question No. 14

Which of the following quantities represents the largest mass?

- 2.0×10^2 mg
- 0.0010 kg
- 1.0×10^5 mg
- 2.0×10^2 g.

Question No. 12

An isotope represented as Fe-58

- is an isotope of fluorine.
- has 32 protons.
- contains 32 neutrons.
- must have 58 electrons.

element vanadium (V) is one of the .....

noble gases.

halogens.

transition metals.

alkaline earth metals.

estion No. 11

e charge of the Indium (In) ion is

1+

2+

4+

3+

ress 7.5 nm as picometers.

7.5 x 10^{3} pm

750 pm

7.5 x 10^{-6} pm

75.0 pm

Question No. 15

All of the following statements about different elements are true, EXCEPT ...

- Barium is an alkaline earth metal.
- Bromine is a metalloid.
- Krypton is one of the noble gases.
- Manganese is a transition metal.

Question No. 18

The element vanadium (V) is one of the .....

- noble gases.
- transition metals.
- halogens.
- alkaline earth metals.

An object has a mass of 30.0 g and a volume of 5.0 cm^3. What is its density?

- 6.00 g/cm^3
- 17.00 g/cm^3
- 6.00 g
- 7.00 g

A chloride ion (Cl^-) has the same electron configuration as .....

- an argon atom.
- a sulfur atom.
- a neon atom.
- a fluorine atom.

Question No. 4

What is the prefix multiplier used to represent the factor 10^{-6}?

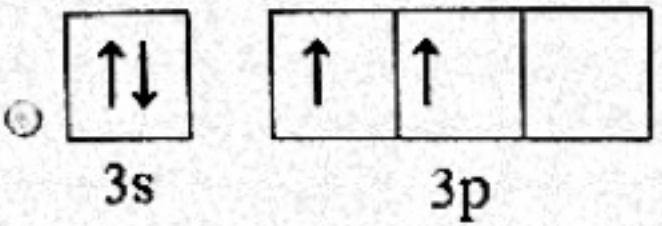
- Mega
- nano
- kilo
- micro

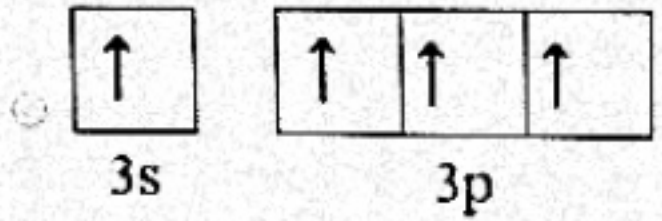
What is the density of a solid sample in g/mL if its volume was found to be 3.05 mL and its mass was 7.03 g.

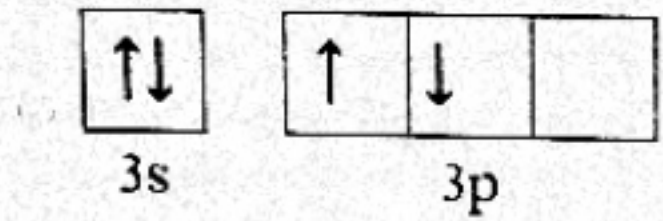
- 0.043 g/mL
- 0.43 g/mL
- 21.44 g/mL
- 2.30 g/mL

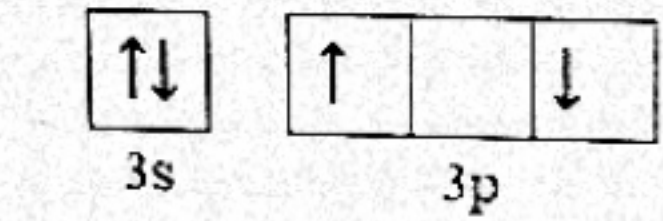
Question No. 13

The orbital diagram of Silicon that **violates** Aufbau principal ....









What is the density of a solid sample in g/mL if its volume was found to be 3.05 mL and its mass was 7.03 g.

- 0.043 g/mL
- 0.43 g/mL
- 21.44 g/mL
- 2.30 g/mL

Question No. 2

Which statement about an atom is FALSE?

- The nucleus is at the center of an atom.
- The nucleus accounts for a small portion of the mass of an atom
- The volume occupied by electrons is referred to as an electron cloud
- The space occupied by the electrons is almost empty.

Question No. 8

The charge of the nucleus of a Calcium atom is

- 2+
- 40+
- 20-
- 20+

Question No. 5

What Kelvin temperature is equal to 75 °F?

- 43.00 K
- 167.00 K
- 297.04 K
- 23.88 K

uestion No. 17

Combustion of fuel in car engine is considered as a .....

- physical change.
- physical property.
- chemical property.
- chemical change.

Question No. 1

Which of the following statements is true?

- Energy cannot be converted between potential and kinetic energies.
- As we increase the temperature of a substance, its kinetic energy decreases.
- All substances have both potential and kinetic energies, regardless to their physical states.
- Solids have the greatest kinetic energy and gases have the lowest kinetic energy.

Which of the following are reciprocals for each other?

$\frac{41}{19}A$, $\frac{29}{19}B$, $\frac{41}{29}C$ and $\frac{29}{19}D$

- A and C
- A and B
- B and D
- C and D

Question No. 16

Which of these represents a chemical change?

- Mixing sugar and water at room temperature.
- Boiling water to form steam.
- Digestion of food in the stomach.
- Melting butter at room temperature.

Question No. 4

What volume of a liquid with a density of 13.53 g/mL is needed to provide 155 grams of this liquid?

- 2097.155 mL
- 141.47 mL
- 0.087 mL
- 11.45 mL

Question No. 9

Neon (Ne) has ..... valence electrons

- 2
- 8
- 6
- 4

اي من الاتي مستحيل يكون درجة حرارة
200F
35F
100C
-273K

٩:٣٩ ص

جاب تحويل 2.21lbs الى kg بالاله ع طول
طلعت 5.6

٤:٥٤ م

رسالة محوّلة

The Number of proton in the necluse of an atom?
1) is unique for each element
2) is call the atomic number
3) is the same for all isotopes of an element
4) all answers is correct?

The majority of the elements in the perodic table are:

٤:٥٤ م

فلزات-لافلزات-اشباه فلزات-غازات نبيله ٤:٥٤ م

جاني وحطيت فلزات ٤:٥٤ م

* جاني تحولي من فهرنهايت الي كلفن وكمان من فهرنهايت الي سيليز
*تعريف التكثف
ايي ممايلي صحيح عن الماده؟
*ايي ممايلي خاصيه فزيائيه وكمان سوال ثاني جايب خصائص فيزيايه ويوقولك ايت فيهم كميائيه؟
ايي ممايلي صحيح عن الطاقه ؟انها توجد بكل المواد
*جاني عناصر وكان يبغا ايت فيهم نظير؟
ايي ممايلي مو من خصائص الفلزات؟

٦:٥٧ م

*جانيي وش تعريف الايون؟يفقد او يكتسب الكترون
* كمان ايي ممايليي يخالف الاوربتل لباولي؟
* عناصصر ويكتب اسم المجموعه حقتها ويقولك ايت فيهم الي غلط؟
*كمان يجيب لك عنصصر الكربون والعدد الكتلي قدامه تحديي البرتون والنيترون والكترون؟
ايي ممايلي غلط عن الطاقه؟ الي هي ماتتنقل من شكل لاخر
*يجيبك لك رموززر عناصر وحدوريها بالجدول االدوري
وجاني سوال كان يبغا الكثافه ومره يبغا الحجم

Which doesn’t chemical change ?
1) Liquid water became ice when cooled
2) zink react with an acid
3) milk turns sour in standing in room temperature
4) backing off bread.

جاني سؤال كاتب ايون الصوديم موجب واحد وكاتب ان النيوترون ١٢ والاكترون ١٠ وطالب العدد الكتلي والعدد الذري حطيت الذري ١١ والكتلي ٢٣

٤:٥٤