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 منصة الاختبارات الإلكترونية لأبنائنا في الخارج	امتحان مادة : العلوم بالإنجليزية للفيف الثاني الإعدادي المتخلفين عن الفصل الدراسي الأول – ٢٠٢٦

1- You have two groups of substances which are : Group (x) : Oil, wood and marble Group (y) : Oxygen, nitrogen and hydrogen.

Which of the following represents one of the properties of group (x) and (y) ?

a	Group (x) occupy space and group (y) do not occupy space.
b	Group (x) have fixed shape and group (y) do not fixed shape.
c	Group (x) have fixed volume and group (y) do not fixed volume.
d	Group (x) can be compressed and group (y) can not be compressed.

2- Air and water are similar in that they both

a	have mass
b	can be seen
c	have a fixed shape
d	have a fixed volume

3- What are the tools used to find the specific heat of a substance?

a	Balance and stopwatch
b	Balance and thermometer
c	Stopwatch and thermometer
d	Balance and stopwatch and thermometer

4- Lemon drink its temperature is 20°C was placed with a cube of ice, and after two minutes, the temperature of the drink became 8°C, the temperature of the remaining part of the ice cube was

a	0°C
b	2°C
c	4°C
d	8°C

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5- Which of the following expresses a chemical change?

a	Iodine sublimation
b	The conversion of charcoal to ash
c	The heating of an iron rod
d	The melting of ice

6- Which of the following expresses the physical state of the substances of the reaction between magnesium metal and hydrochloric acid to form magnesium chloride solution and hydrogen gas?

a	$\text{Mg}_{(g)} + \text{HCl}_{(l)} \longrightarrow \text{MgCl}_{2(aq)} + \text{H}_{2(g)}$
b	$\text{Mg}_{(g)} + \text{HCl}_{(aq)} \longrightarrow \text{MgCl}_{2(l)} + \text{H}_{2(g)}$
c	$\text{Mg}_{(s)} + \text{HCl}_{(l)} \longrightarrow \text{MgCl}_{2(l)} + \text{H}_{2(l)}$
d	$\text{Mg}_{(s)} + \text{HCl}_{(aq)} \longrightarrow \text{MgCl}_{2(aq)} + \text{H}_{2(g)}$

7- Food sample when reacts with iodine solution, it turns dark blue, and with a Biuret reagent it turns blue, while with Sudan (IV) solution it turns red-orange. What are the contents of this sample?

a	Starch and fat
b	Starch and protein
c	Protein and fat
d	Starch, protein and fat

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8- Van Helmont's experiment demonstrated the importance of factor (X) in plant growth. What is factor (X) ?

a	Soil
b	Water
c	Carbon dioxide
d	Sunlight

9- Mitochondria contains

a	a folded outer membrane
b	a flat inner membrane
c	a fluid matrix called cristae
d	matrix containing enzymes

10- All the following are natural phenomena that cause changes in Earth's surface, except

a	volcanic eruptions
b	the aurora borealis
c	meteorites
d	earthquakes

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