


<b>رقم الجلوس :</b>	<b>الاسم :</b>
<b>امتحان مادة : الكيمياء بالإنجليزية</b> <b>للف : الثاني الثانوي</b> <b>الفصل الدراسي الثاني – ٢٠٢٥</b>	 <b>منصة الاختبارات الالكترونية</b> <b>لأبنائنا في الخارج ٢٠٢٥</b>

**1- Which one of the following compounds is more polar ?**

[ the electronegativity of : H = 2.1 , N = 3 , O = 3.5 , F = 4]

a	NH <sub>3</sub>
b	NF <sub>3</sub>
c	NO <sub>2</sub>
d	HF

**2- When two atoms ( <sup>12</sup>X ) and ( <sup>15</sup>Y ) are bonded together, the chemical formula of the formed compound will be:**

a	XY
b	X <sub>2</sub> Y <sub>3</sub>
c	X <sub>3</sub> Y <sub>2</sub>
d	X <sub>3</sub> Y

**3- Which of the following compounds is bad conductor of electricity ?**


a	NaCl <sub>(aq)</sub>
b	HCl <sub>(aq)</sub>
c	AlCl <sub>3(s)</sub>
d	MgCl <sub>2(l)</sub>

**4- BF<sub>3</sub> and SO<sub>2</sub> molecule have the same :**

a	number of bond pairs
b	number of lone pairs
c	the arrangement of electron pairs
d	The stereo structure

**5- Which of the following molecules has the abbreviation AX<sub>2</sub> :according to Vesper's theory?**

a	CO <sub>2</sub>
b	SO <sub>2</sub>
c	H <sub>2</sub> O
d	CaF <sub>2</sub>

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**6- The least value angle between bonds is found in the following molecule:**

a	CH <sub>4</sub>
b	SO <sub>2</sub>
c	H <sub>2</sub> O
d	BF <sub>2</sub>

**7- Burning sodium in excess of oxygen leads to form :**

a	sodium oxide
b	sodium peroxide
c	sodium superoxide
d	sodium dioxide

**8- Sodium carbonate can be prepared by :**

a	Reaction of sodium with carbon dioxide gas
b	Reaction of sodium hydroxide solution with carbon dioxide gas
c	Reaction of sodium chloride with carbon dioxide gas and ammonia gas
d	Reaction of sodium with carbon dioxide gas and water vapor for long time

**9- sp<sup>2</sup> hybridized orbitals are characterized by all of the following except :**

a	they are three orbitals
b	they have triangular planar shape
c	they have linear shape
d	the angle between them is 120°

**10- When a few drops of sodium hydroxide solution are added to aluminum chloride solution :**

a	a blue ppt. is formed
b	no ppt. is formed
c	a white ppt. is formed
d	a black ppt. is formed

\*((( انتهت الأسئلة )))\*