

رقم الجلوس :	اسم الطالب :
امتحان مادة : الكيمياء بالإنجليزية للفصل الثاني الثانوى الفصل الدراسي الاول - ٢٠٢٥	 منصة الاختبارات الالكترونية لأبنائنا فى الخارج ٢٠٢٥

1- The element of electronic configuration (2, 8, 8, 1) is considered

a	Noble
b	Representative
c	Main-transition
d	Inner-transition

2- from the following equation:




Which of the following is correct:

a	$\text{C}^0 \longrightarrow \text{C}^{2+}$	reduction
b	$\text{C}^{4+} \longrightarrow \text{C}^{2+}$	reduction
c	$\text{O}^{4-} \longrightarrow \text{O}^{2-}$	oxidation
d	$\text{O}^{2-} \longrightarrow \text{O}^{4-}$	oxidation

3- The electronic structure of the ion (${}_{7}\text{X}^{3-}$) is similar to that ofatom and is considered from elements

a	Neon / Noble
b	Argon / Main transition
c	Neon / Representative
d	Argon / Inner transition

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4- Which of the following is correct arrangement for the elements according to their electron affinity

a	${}_{11}\text{Na} < {}_{13}\text{Al} < {}_{17}\text{Cl} < {}_9\text{F}$
b	${}_{11}\text{Na} < {}_{13}\text{Al} < {}_9\text{F} < {}_{17}\text{Cl}$
c	${}_9\text{F} < {}_{13}\text{Al} < {}_{11}\text{Na} < {}_{17}\text{Cl}$
d	${}_{17}\text{Cl} < {}_9\text{F} < {}_{13}\text{Al} < {}_{11}\text{Na}$

5- Which of the following is the scientist who discovered the main energy levels of the atom

a	Bohr
b	Dalton
c	Rutherford
d	Boyle

6- If an electron gained quantum of energy equals Q . Which of the following statement is correct:

a	The electron jumps to the suitable higher level to the gained energy
b	The electron returns to the original level
c	The electron jumps to the next higher level in energy.
d	The electron returns to the proceeding lower level in energy

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7- Which of the following represents The number of completed sublevels in the calcium atom ($_{20}\text{Ca}$)

a	7
b	6
c	5
d	4

8- Which of the following represents the oxidation state of manganes in the radical of (MnO_4^-)

a	+7
b	+6
c	+5
d	+4

9- Which of the following represents the correct arrangements for the elements according to thier atomic radii

a	$_{3}\text{Li} > _{11}\text{Na} > _{19}\text{K} > _{20}\text{Ca}$
b	$_{20}\text{Ca} > _{19}\text{K} > _{12}\text{Mg} > _{5}\text{B}$
c	$_{12}\text{Mg} > _{11}\text{Na} > _{10}\text{Ne} > _{9}\text{F}$
d	$_{19}\text{K} > _{20}\text{Ca} > _{12}\text{Mg} > _{5}\text{B}$

10- Which of the following represents correct group of The four quantum numbers (n, ℓ , m_ℓ , m_s)

a	2, 2, 1, $-\frac{1}{2}$
b	3, 1, 1, $+\frac{1}{2}$
c	2, 1, +2, $+\frac{1}{2}$
d	2, 2, 2, $-\frac{1}{2}$

(((انتهت الأسئلة)))