	1)	Which kind of energy is stored in a chemical bond?
	-/	A) free energy
		B) activation energy
		C) kinetic energy
		D) potential energy
	2)	Which particles may be gained, lost, or shared by an atom when it forms a
	4)	chemical bond?
		A) protons
		B) electrons
		C) neutrons
	2)	D) nucleons
	3)	The forces between atoms that create chemical bonds are the result of the
		interactions between
		A) nuclei
		B) electrons
		C) protons and electron
	240	D) protons and nuclei
	4)	The degree of polarity of a bond is indicated by
		A) ionization energy
		B) the shape of the molecule
		C) electronegativity difference
		D) the charge on the kernel
	5)	Which type of bond is formed when an atom of potassium transfers and electron
3		to a bromine atom?
- mag-1	NORTH LA	A) metallic
		B) ionic
		C) nonpolar covalent
	100	D) polar covalent
	6)	Which type of bonding is characteristic of a substance that has a high melting
		point and is a good conductor only when in the liquid phase?
		A) nonpolar covalent
		B) polar covalent
		Tonic
	2200	D) metallic
	7)	Which terms describe a substance that has a low melting point and poor electrical
		conductivity?
		A) covalent and metallic
		B) covalent and molecular
		C) ionic and molecular
	- 1	D) ionic and metallic
	8)	When two atoms form a chemical bond by sharing electrons, the resulting
		molecule will be
		A) polar only
		B) nonpolar only
		C) either polar or nonpolar
		D) neither nonpolar nor polar

9) Which type of substance is soft, has a	low melting point, and is a poor conductor
of electricity?	
A) covalent solid	
B) ionic solid	
C) metallic solid	- C.5
D) network solid	terro aldanina atama in a aldanina
10) Which type of bond is formed between molecule?	two chlorine atoms in a chlorine
A) polar covalent	
B) nonpolar covalent	KN
C) metallic	
D) ionic	
11) Oxygen, nitrogen, and fluorine bond w	with hydrogen to form molecules. These
molecules are attracted to each other b	v
A) ionic bonds	
B) hydrogen bonds	
C) polar covalent bonds	2news.
D) nonpolar covalent bonds	
12) Which kind of compound generally res	sults when nonmetal atoms combine with
metal atoms?	
A) network	(-)
B) molecular	
(C) ionic	
D) metallic	
(13) Which statement is true concerning the	
A) a bond is broken and energy is	
B) a bond is broken and energy is	
C) a bond is formed and energy is	
(D) a bond is formed and energy is	
14) The bond between which pair of eleme	ents is the least ionic in character?
A) H-F	
B) H-Br OWEST	END
5) 11 5	The state of the s
D) H-O	
15) Which commound has the amost set down	
(A) NaCl	ree of fome character?
	r. n
B) MgCl ₂ C) AlCl ₃	END
D) SiCl ₄	Indian
<i>D)</i> 51014	*
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