CLASS: X NCE	ERT (CBSE) CHEMISTRY: FOR CLASS 1 PERIODIC CLASSIFICATION OF ELEMENTS	10 Page:1
Question 1:	The properties of an element in the periodic table depends on its,	<u></u> .
	1. atomic size	
	2. atomic mass	
	3. electronic configuration	
	4. number of protons	
		Answer: 3
Question 2:	An element has configuration 2, 8, 1. It belongs to,	
	1. 1 group and 3 rd period	
	2. 3 group and 1 st period	
	3. 1 group and 8 th period	
	4. 17 group and 3 rd period	
		Answer: 1
Question 3:	The number of electrons in the valence shell is equal to its	
	1. atomic mass	
	2. group number	
	3. period number	
	4. atomic volume	
		Answer: 2
Question 4:	The non-metallic element present in the third period other than sulphur and chlorine is	
	1. oxygen	
	2. fluorine	
	3. nitrogen	
	4. phosphorus	
		Answer: 4
Question 5:	At the end of each period the valence shell is	
	1. incomplete	
	2. half filled	
	3. singly occupied	
	4. completely filled	
		Answer: 4
Question 6:	The family of elements having seven electrons in the outermost shell is	·
	1. alkali metals	
	2. alkaline earth metals	
	3. halogens	
	4. noble gases	
Question 7:	Which of the following factors does not affect the metallic character of an	Answer: 3 element?
Question 7.	1. Atomic size	cicinent.
	2. Ionisation potential	
	3. Electronegativity	
	4. Atomic radius	
		Answer: 3

Website: $\underline{www.scientiatutorials.in} \ {\bf 27} \ +91\ 9864920707 \ E\text{-mail:} \\ \underline{scientiatutorials@gmail.com}$

CLASS: X NCE	ERT (CBSE) PERIODIC CLASSIFICATION	CHEMISTRY: FOR CLASS 10	Page: 2	
Question 8:	The family of elements to which potassiu			
Q	1. alkali metals			
	2. alkaline eart			
	3. halogens			
	4. noble gases			
	i. notic gases		Answer:	1
			7	_
Question 9:	The modern periodic table is given by	·		
	1. Mendelee	V		
	2. Einstein			
	3. Bohr			
	4. Mosley			
			Answer:	4
Question 10:	Elements belonging to groups 1 to 17 are	called		
	1. noble gases			
	2. normal elements			
	3. transition elemen			
	4. inner transition e	lements		
0 11			Answer:	2
Question 11:	A liquid non-metal is			
	1. phosphorou	15		
	2. mercury3. bromine			
	4. nitrogen			
	4. Iliti Ogen		Answer:	3
			Allowei.	5
Question 12:	The first alkali metal is			
	1. hydrogen			
	2. lithium			
	3. sodium			
	4. francium			
			Answer:	2
Ouastion 12:	A number coloured solid halogon is			
Question 13:	A purple coloured solid halogen is 1. chlorine	·		
	2. bromine			
	3. iodine			
	4. astatine			
	4. astatilie		Answer:	2
			Allswei.	3
Question 14:	Lanthanides and actinides are also called			
	1. normal elements			
	2. transition elemen	its		
	3. noble gases			
	4. inner transition e	lements		
			Answer:	4

CLASS: X	K NCERT (CBSE) CHEMISTRY: FOR CLASS 10 PAGE: 3
Question 15:	PERIODIC CLASSIFICATION OF ELEMENTS The family of elements to which calcium belongs is
	1. alkali metals
	2. alkaline earth metals
	3. halogens
	4. noble gases
	Answer: 2
Question 16:	The least reactive element in group 17 is
Question 10.	1. fluorine
	2. chlorine
	3. bromine
	4. iodine
	Answer: 4
Question 17:	The valency of chlorine with respect to oxygen is
	1. 1
	2. 3
	3. 5
	4. 7 Answer: 4
	Answer: 4
Question 18:	The number of shells in the elements of 3 rd period is
	1. 1
	2. 2
	3. 3
	4. 0
	Answer: 3
Question 19:	Four elements along a period have atomic number (11, 13, 16 and 17). The most metallic among these has an atomic number of
	1. 11
	2. 12
	3. 16
	4. 17
	Answer: 1
Question 20:	Six elements A, B, C, D, E and F have the following atomic numbers (A = 12, B = 17, $C = 18$, D = 7, E = 0 and E = 11). Among these elements, the element, which belongs to the
	$C = 18$, $D = 7$, $E = 9$ and $F = 11$). Among these elements, the element, which belongs to the 3^{rd} period and has the highest ionisation potential, is
	1. A
	2. B
	3. C
	4. F
	Answer: 3

CLASS: X NC		Page: 4	*
	PERIODIC CLASSIFICATION OF ELEMENTS		
Question 21:	A factor that affects the ionisation potential of an element is		
	1. atomic size		
	2. electron affinity		
	3. electro-negativity		
	4. neutrons		
		Answer:	1
Question 22:	The element, which has the highest electron affinity in the 3 rd period is	·	
	1. Na		
	2. Mg		
	3. Si		
	4. Cl		
		Answer:	4
Question 23:	The element, which has zero electron affinity in the 3 rd period is		
	1. Al		
	2. P		
	3. Ar		
	4. S		_
		Answer:	3
Question 24:	The statement that is not true about electron affinity is		
	1. It causes energy to be released		
	2. It causes energy to be absorbed		
	3. It is expressed in electron volts		
	4. It involves formation of an anion		
		Answer:	2
Question 25:	Down a group, the electron affinity		
	1. increases		
	2. decreases		
	3. remains same		
	4. increases and then decreases		
		Answer:	2

Website: $\underline{www.scientiatutorials.in}$ # +91 9864920707 E-mail: $\underline{scientiatutorials@gmail.com}$