

## ADDITIONAL MULTIPLE CHOICE QUESTIONS

1.	Elements of group	18 are called:					
	(a) Noble metals			(c) Noble	(d) None of these		
2.				termost shell are call			
	(a) Duplet rule			(c) Both "A" and "B"			
3.				olecule atom togethe			
75.5	(a) Ionic bond	(b) Covalent bon		(c) hydrogen bond	(d) Chemical bond		
4.	Every atom tries to		A.M.	(v) injuregen conu	(u) chemical cond		
	(a) Maximum energy		v	(c) Minimum energy	(d) Covalent		
	energy	(b) Stable energy	,	(c) Minimum energy	(a) Covarent		
5.		action is present b	hetwe	en positive and nega	tive ions?		
J.	(a) Homolytic	(b) Electrostatic		(c) Electro elastic			
6.				f electron from one	10 10		
0.	called	ine complete trans	SICI U	recetion from one a	atom to other is		
	(a) Chemical bond	(b) Covalent bon	nd	(c) Ionic bond	(d) metallic bond		
7.	Hydrogen acquires			1000	(d) metanic bond		
<i>'</i> •	(a)Xe	(b) Ne	ingui	(c) He	(d) Ar		
8.			ad at	oms share the electro			
0.	(a) Not equally	(b) Equally	cu au	(c) Differently	(d) Oppositly		
9.	In polar covalent be		•0	(c) Differently	(u) Oppositly		
<i>9</i> .	(a) Homo atomic	(b) Tri atomic		(c) Hetero atomic	(d) Mono atomic		
10.	Dipole-dipole intera			(c) Hetero atonne	(u) Mono atomic		
10.	(a) Magnetic	(b) Electric	-	(c) Neutral	(d) Stable		
11.		The state of the s		A Secretary of the Control of the Co	TO SECURE THE PROPERTY OF THE		
11.		(b) 15kJ	ne mo	le liquid HCl molecu			
12.	(a) 16kJ			(c) 17kJ	(d) 18kJ		
12.	The density of ice a (a) 0.917 gcm <sup>-3</sup>	(b) 0.719 gcm <sup>-3</sup>		(a) 0 107 gam-3	(d) 0.0917 gcm <sup>-3</sup>		
12					(a) 0.0917 gciii		
13.	One form of polym				(d) Notural		
14.	(a) Epoxy	(b) Explosive		(c) Synthetic	(d) Natural		
14.	Epoxy is a polymer		SIII AI		(d) Thinar		
15	(a) Shiner	(b) Softener	alaat	(c) Hardener	(d) Thiner		
15.	Substance have the				(d) Halagana		
16	(a) Metals			A STATE OF THE PROPERTY OF THE	(d) Halogens		
16.	Which properties a	15A 15BN	aroge		(d) Motallia		
17	(a) Physical	(b) Chemical	°4	(c) Ionic	(d) Metallic		
17.		100 M	octa	ves in periodic table?			
10	(a) Mendeleev	(b) Al-razi		(c) Newland	(d) Dobereiner		
18.	Covalent bond involves the						
	(a) Donation of electrons			(b) Acceptance of electrons			
10	(c) Sharing of electrons  Triple covalent bond involves how many			(d) Repulsion of electrons			
19.			any i				
••	(a) Eight	(b) Six	Marie Carlo Company	(c) Four	(d) Only three		
20.	Which one of the fo	ollowing is an elect	tron (				
	(a) NH <sub>3</sub>			(b) BF <sub>3</sub>			
	(c) N <sub>2</sub>		141 0	(d) O <sub>2</sub>			
21.	Which one of the following is the weakest force among the atoms?						
	(a) Ionic force			(b) Metallic force			
.202	(c) Intermolecular for		V10577 - 22	(d) Covalent force	And the series		
22.		osing one electrons	s atta	ins electronic configu	ration of noble gas.		
	(a) He			(b) Ne			



	(c) Ar		(d) Na			
23.		are there in the oute	1 6	m after it gains one		
20.	How many electrons are there in the outer most shell of Cl-atom after it gains on electron in its values shell?					
	(a) 6	SHCII.	(b) 7			
	(c) 8		(d) 10			
24.	Which ionic species has same electronic configuration as noble gas Ar.					
24.	(a) Na <sup>+</sup>	nas same electronic e	(b) K <sup>+</sup>	gas Ai.		
	(c) Cl <sup>-</sup>		(d) Both (b) and (c)			
25.		nad whan alamants a	f group 1 react with e	laments of groups		
25.	(a) 12	nea when elements o	(b) 14	iements of group.		
	(c) 18		(d) 17			
26.		mad hatwaan ammon		de the donor atom		
20.	A dative bond is formed between ammonia and borontrifluoride the donar at is:					
	(a) Fluorine		(b) Boron			
	(c) Hydrogen		(d) Nitrogen			
27.	Indicate which mole	cula is non-nolor:	(d) Millogen			
21.	(a) NaCl	cuic is non-polar.	(b) KBr			
	(c) CO <sub>2</sub>		(d) Kl			
28.		v <mark>hich posses</mark> s four co				
20.	(a) N <sub>2</sub>	vincii possess ioui co	(b) C <sub>2</sub> H <sub>4</sub>			
	(c) CH <sub>4</sub>		(d) C <sub>2</sub> H <sub>2</sub>			
29.	(8) (8)	ile is maximum polai				
2).	(a) HCl	ne is maximum polar	(b) HF			
	(c) NaF		(d) H <sub>2</sub> O			
30.	The second secon	ference between hyd	rogen and chlorine is:			
30.	(a) 1.7	referee between nyu	(b) 0.8			
	(c) 1.0		(d) 0.5			
31.	The state of the s	e followin <mark>g has hydro</mark>	AND AND ADDRESS OF THE PARTY OF			
<b>.</b>	(a) C <sub>2</sub> H <sub>6</sub>	e rono ii ing mas ny aro	(b) CH <sub>4</sub>			
	(c) NH <sub>3</sub>		(d) HCl			
32.		ctronic configuration				
	(a) Li		(b) B			
	(c) N	- T1	(d) C			
33.		nd which is soluble ir				
	(a) C <sub>6</sub> H <sub>6</sub>	Q 6888	(b) CH <sub>4</sub>			
	(c) C <sub>2</sub> H <sub>4</sub>		(d) NaCl			
34.		on energy of H–Cl mo				
	(a) 430 kj/mole		(b) 340 kj/mole			
	(c) 403 kj/mole		(d) 304 kj/mole			
35.	THE STATE OF THE PROPERTY OF T	fluorine has been giv	ven an electronegative	value of:		
	(a) 2.5	8	(b) 3.0			
	(c) 3.5		(d) 4.0			
36.	The density of ice at	0°C is:				
	(a) 0.917g cm <sup>-3</sup>		(b) 1.0 gcm <sup>-3</sup>			
	(c) 0.719g cm <sup>-3</sup>		(d) 0.17g cm <sup>-3</sup>			
37.		tains a single covalen				
(American)	(a) CH <sub>4</sub>	(b) C <sub>2</sub> H <sub>2</sub>	(c) C <sub>2</sub> H <sub>4</sub>	(d) O <sub>2</sub>		
38.		TOTAL COMPANY OF THE PROPERTY	of hydrogen and fluo	(CS) # 500		
<del></del>	(a) 1.0	(b) 3.0	(c) 2.0	(d) 1.8		
39.	Charles and the control of the contr	y of hydrogen atom is	* * *	NON COLO		
· · · · · · · · · · · · · · · · · · ·	(a) 2.0	(b) 2.2	(c) 3.0	(d) 2.1		
		10 10 10 10 10 10 10 10 10 10 10 10 10 1		STATES NO. STATES NO.		

40.	The energy red	puired to break the inte	ermolecular forces bet	ween one mole of liquid
	hydrogen chlo	ride molecule to conve	rt into gas is	
				4 이상이 그 기가리면서 등2 하는데

(a) 22kJ

(b) 132 kJ

(c) 32 kj

(d)  $17 \, \text{kJ}$ 

41. the energy required to break the chemical bond between hydrogen and chlorine atoms in 1 mole of hydrogen chloride is

(a) 320 kJ

(b) 430 kJ

(c) 365 kJ

(d) 410 kJ

42. The boiling point of water is

(a) 0°C

(b) 35°c

(c) 100°c

(d) 25°c

43. The boiling point of alcohol is

(a) 44°C

(b) 19°C

(c) 53°C

(d) 78°C

44. Epoxy adhesives are stable to heat up to a temperature of

(a) 177°C

(b) 225°C

(c) 320°C

(d) 135°C

45. The density of water at 0°C is

(a)  $2.0 \text{ g/cm}^3$ 

(b)  $1.0 \text{ g/cm}^3$ 

(c)  $0.917 \text{ g/cm}^3$ 

(d)  $1.17 \text{ g/cm}^3$ 

46. The boiling point of NaCl is

(a) 318°C

(b) 1413°C

(c) 1215°C

(d) 1510°C

47. Which of the following is an example of covalent compound?

(a)  $C_6H_{12}O_6$ 

(b) CH<sub>4</sub>

(c) H<sub>2</sub>SO<sub>4</sub>

(d) All of these

48. Every atom has a natural tendency to achieve electrons in its valence shell

(a) 2 or 6

(b) 2 or 8

(c) 2 or 4

(d) 2 or 10

49. The formation of ionic bond between two ions is due to

(a) Hydrogen bonding

(b) Electrostatic forces

(c) Metallic forces

(d) All of them

50. How many valence shell electrons are there in Na<sup>+</sup> ion?

(a) 8

(b) 9

(c) 10

(d) 11

## **ANSWER KEY**

1	b	11	c	21	c	31	c	41	b
2	b	12	a	22	c	32	d	42	с
3	d	13	a	23	c	33	d	43	d
4	С	14	d 🦷	24	С	34	a	44	a
5	b	15	d	25	d	35	d	45	c
6	c	16	a	26	d	36	a	46	b
7	С	17	С	27	С	37	a	47	d
8	b	18	c	28	c	38	d	48	b
9	С	19	b	29	b	39	b	49	b
10	c	20	b	30	c	40	d	50	b