General Science Model Test Questions 31 With Answers [Chemistry - 9]

1.	Which of the following is not an ore	of silver?
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- (A) Ruby silver
- (B) German silver
- (C) Horn silver
- (D) Argentite

- (A) MgO₂
- (B) TiO₂
- (C) CaO
- (D) MnO₂

3. Match list-I with list-II correctly and select your answer using the codes given below:

List-I

List-II

- (a) Water gas
- 1. $CO + N_2$
- (b) Producer gas
- 2. CO + H₂

(c) Coal gas

3. $CO + H_2 + CJ_4 + CO_2$

Codes:

- a b
- (A) 1 2 3
- (B) 1 3 2
- (C) 2 1 3
- (D) 3 2 1

4. Example of Rodenticides

- (A) DAP
- (B) Zinc phosphate
- (C) Arsenic
- (D) (B) and (C)

5. "The queen of drugs" refers to

- (A) Penicillin
- (B) Streptomycin
- (C) Aureomycitin
- (D) Chloromycitin

6. Arrange the stages of respiration in a logic way.

- I. Electron transport chain
 - II. Glycolysis
 - III. Kreb's cycle
 - IV. Oxidation decarboxylation of pyruvic acid
 - (A) I, II, III, IV
- (B) II, IV, III, I
- (C) I, II, IV, III
- (D) III, IV, II, I

7. Consider the following statements.

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- I. Graphite is a good conductor of electricity
- II. Diamond is very hard and has high melting point and boiling point
- III. Solid carbon monoxide is known as dry ice
- IV. Carbonic acid turns red litmus slightly blue

Which of the above statement is/are correct?

- (A) I and III are correct
- (B) II and III are correct
- (C) I and II are correct
- (D) III and IV are correct
- 8. Which one of the following is correct example for isobars?

(A)
$$_{17}CI^{35}$$
, $_{17}CI^{35}$

(B)
$$_{18}Ar^{40}$$
, $_{20}Ca^{40}$

(C)
$$_{1}H^{1}$$
, $_{1}H^{2}$

(D)
$${}_{6}C^{13}$$
, ${}_{7}N^{14}$

- 9. pH values of 0.01 M HCl and 0.01 M NaOH solutions are
 - (A) 2 and 7
- (B) 2 and 12
- (C) 13 and 1
- (D) 3 and 11
- 10. The equivalent conductance of certain solution of acetic acid is 39.07 ohm⁻¹ cm² equ⁻¹. If λ_{α} of acetic acid is 390.7 ohm⁻¹ cm² equ⁻¹, then the degree of dissociation of acetic acid is
 - (A) 0.1
- (B) 0.2
- (C) 0.5
- (D) 0.75
- 11. Methyl orange and phenolphthalein indicators are used in acid-base titrations. Choose the correct colour changes in acid medium and basic medium.

	Acid	Base
(a) Methyl orange(b) Methyl orange(c) Phenolphthalein(d) Phenolphthalein	 Red Yellow Pink Colourless 	Yellow Red Colourless Pink
(A) a – 1 and c – 3	(B) a –	1 and d – 4
(C) $b - 2$ and $c - 3$	(D) b –	2 and d – 4

- 12. With reference to urea, consider the following statements.
 - I. It is used as fertilizer.
 - II. It does not change the pH of the soil.
 - III. It can be used to all types of crops and soils.

Which of the following given above is/are correct?

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	(A) II o	nly		(B) I on	ıly		(C) I and II	(D) All the above				
13.	Which	of the fo	ollowing	stateme	ents abou	ut 'Glycol	ysis' is TRUE?					
	I. It is t	I. It is the process of breakdown of glucose.										
	II. It oo	II. It occurs in the cytoplasm										
	III. It is	III. It is operative in the inner membrane of mitochondria										
	IV. It is also known as citric acid cycle											
	(A) I aı	nd II		(B) I an	ıd III		(C) I and IV	(D) II and IV				
14.	Match	list-I wit	:h list-II (correctly	and sele	ect your a	answer using th	e codes given below:				
		Colum	n A		Colum	n B						
	(b) Mo (c) Pr	rtash alu ohr's sal ussian bl Iamine	t		1. ZnCO3 2. K ₂ SO ₄ . Al ₂ (SO ₄) ₃ . 24H ₂ O 3. Fe ₄ [Fe(CN) ₆] ₃ 4. (NH ₄) ₂ SO ₄ . FeSO ₄ . 6H ₂ O							
	Codes	:										
		а	b	С	d							
	(A)	1	2	3	4							
	(B)	3	4	1	2							
	(C)	2	3	4	1							
1 5	(D)	2 par is the	4	3	1							
15.			ore or -				(C) Inc.	(D) 7:				
	(A) Co			(B) Me	-		(C) Iron	(D) Zinc				
16.					•	ry of HClO ₂ , HClO ₃ and HClO ₄ is						
	(A) HC	IO < HCI	O₂ < HCl	O₃ < HCl	O ₄	O_4 (B) $HCIO_2 < HCIO < HCIO_3 < HCIO_4$						
	(C) HC	lO₃ < HC	IO ₄ < HC	IO ₂ < HC	IO	O (D) $HCIO_4 < HCIO_3 < HCIO_2 < HCIO$						
17.	Match		:h list-II (correctly	and sele	and select your answer using the codes given below:						
		List-I				List-II						
	(b) Ni (c) Hy	nmonia trous oxi drazine tric acid	de		2. Impo 3. Ferti	 Laughing gas Important industrial chemical Fertilizer manufacture Rocket Propellant 						

Codes:

a b c d

- (A) 2 4 1 3
- (B) 3 4 2 1
- (C) 3 1 4 2
- (D) 4 3 2 1
- 18. Which type of polymer is Bakelite?
 - (A) Addition polymer

- (B) Homopolymer
- (C) Condensation polymer
- (D) Biopolymer
- 19. Match the following pollutants.
 - (a) Gaseous pollutant
 - (b) Metal pollutant
 - (c) Deposited matter pollutant
 - (d) Bio pollutant

- 1. Anthrax
- 2. Chloride
- 3. Cadmium
- 4. Tar

Codes:

a b c d

- (A) 2 3 4 1
- (B) 1 2 3 4
- (C) 4 3 2 1
- (D) 3 1 2 4
- 20. The oxidation number of Mn in K₂MnO₄ is
 - (A) +2 (B) +4
- (C) +6
- (D) 0
- 21. Which of the following oxides of nitrogen is coloured?
 - (A) N₂O
- (B) N_2O_5
- (C) NO
- (D) NO₂
- 22. Colemanite is an important mineral of
 - (A) Boron
- (B) Aluminium
- (C) Gallium
- (D) Indium
- 23. Classify the following elements as Lanthanides and Actinides
 - 1) Samarium (Sm)
- 2) Uranium (U)
- 3) Plutonium (Pu)
- 4) Dysprosium (Dy)

	(A) Lanthanides : Samarium, Dysprosium										
	Actinides : Uranium, Plutonium										
	(B) Lan	thanide	s : Sama	rium, Ur	anium						
		Actinic	les : Plut	onium, I	Dysprosium						
	(C) Lan	thanide	s : Dyspr	osium, F	Plutonium						
	Actinides : Uranium, Samarium										
	(D) Lanthanides : Samarium, Plutonium										
		Actinid	les : Ura	nium, Dy	ysprosium						
24.	Match the list of radio isotopes with its uses given below and choose the correct answer using the be given codes.										
	 (a) Cobalt 60 (b) Ag¹⁹¹ (c) Hg¹⁹⁷ (d) P³² 1. Fertilizer 2. To photograph brain 3. Blood cancer 4. Sterilisation 					n tumour					
	Codes:										
		a	b	С	d						
	(A)	2	4	1	3						
	(B)	4	3	2	1						
	(C)	1	2	3	4						
	(D)	1	3	2	4						
25.	Which	is the st	rongest	acid?							
	(A) HC	ООН		(B) CH ₃	₃ СООН	(C) C ₃ H ₇ COOH	(D) C ₂ H₅COOH				
26.	For a cell reaction A(S) + $2B^+A^{2+}$ + $2B$ the equilibrium constant is found to be 10^{12} . Then the E^o_{cell} value					to be 10^{12} . Then the E^{o}_{cell} value is					
	(A) 0.3	54 V		(B) 0.70	08 V	(C) 0.0295 V	(D) 0.177 V				
27.	The specific conductance of a 0.01 M solution of KCl is 1.4×10^{-3} ohm ⁻¹ cm ⁻¹ at 298 K. Its equivalent conductance is (ohm ⁻¹ cm ² equt ⁻¹).						cm ⁻¹ at 298 K. Its equivalent				
	(A) 0.14	4	(B) 1.4	0	(C) 14.0	(D) 140					
28.	The cor	mpound	l is used	as rocke	et propellant						
	(A) Hyd	drazine		(B) Niti	ric acid	(C) Ammonia	(D) Nitrogen				
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29.	Photochemical smog is formed by										
	(A) O ₂ ,	NO, H₂C	0₂ organi	ic peroxi	de etc.	(B) Consists of mercury and lead					
	(C) Consist of NO ₂ and CO						(D) Hydrocarbo	ns			
30.	Which of the following known as complete fertilizer?										
	(A) Nitrogenous fertilizer						(B) Potash fertilizer				
	(C) NPK	(fertilize	er			(D) NP	fertilizer				
31.		is	called b	uckmins	ter fullei	rene.					
	(A) Diar	mond		(B) Gra _l	phite		(C) C ₆₀	(D) Coa			
32.	Which	of the fo	llowing	is halide	ore?						
	(A) Dolo	omite		(B) Rock salt			(C) Bauxite		(D) Galena		
33.	The ma	jor com	ponent o	of natural gas is							
	(A) Etha	ane		(B) Methane			(C) Butane		(D) Propane		
34.	'Green	House e	ffect' is	caused b	by						
	(A) Nec	n		(B) Heli	um		(C) CO ₂		(D) Hydrogen		
35.	Select t	he corre	ect answ	er from	the follo	wing:					
	Wolframite is the ore of										
	I. Tanta	lum		II. Moly	bdenum	1	III. Chromium		IV. Tungsten		
	(A) I		(B) II		(C) III		(D) IV				
36.	Match	the follo	wing an	d choose	e the cor	rect opt	ion given below	:			
	(a) Lithium(b) Iron(c) Cerium(d) Thorium			 Actinide Lanthanide Transition m Alkali metal 		etal					
	Codes:										
		a	b	С	d						
	(A)	1	2	3	4						
	(B)	4	3	2	1						
	(C)	2	3	4	1						

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	(D)	3	4	1	2					
37.	Oxidat	ion num	ber of N	1n in KM	nO ₄ is					
	(A) +5		(B) +6		(C) +7	(D) 0				
38.	Water	gas is a ı	mixture	of						
	(A) H ₂	and NO ₂	(B) H ₂ a	and CO	(C) H ₂ and CH	I ₄ (D) CO and NO ₂				
39.	The molecular formula for CAN is									
	(A) Ca	(NO ₃) ₂ 5	NH ₄ NO ₃	3	(B) C	a (NO ₂) ₂ 5 NH ₄ NO ₃				
	(C) 5Ca (NO ₂) ₂ 5NH ₄ NO ₃ (D) Ca (NO ₃) ₂ NJ ₄ NO ₃									
40.	If 0.400	0 g of Na	OH(s) is	dissolve	ed to make 250	ml of solution, the	n calculate the pH.			
	(A) 8.0	6		(B) 9.0	8	(C) 10.06	(D) 12.602			
41.	Who ir	ntroduce	d the el	ectronic	theory of acid	s and bases?				
	(A) Arr	henius		(B) Fra	nklin	(C) Lewis	(D) Bronsted			
42.	In the are	redox re	action xl	KMnO4 +	- H ₂ SO ₄ + yH ₂ C	$_2O_4 \rightarrow K_2SO_4 + MnSO_4$	O_4 + H_2O + ZCO_2 the value	s of x, y and z		
	(A) 2, 1	10,5		(B) 2, 5	, 10	(C) 5, 2, 10	(D) 10, 5, 2			
43.	Calcula	ate the p	H of aqu	ieous so	dium hydroxid	e solution of streng	th 0.1 N			
	(A) 1 (B) 13 (C) 7.8					(D) 0.1				
44.	The str	ongest r	educing	agent a	mong the alka	li metals is				
	(A) K		(B) Na		(C) Cs	(D) Li				
45.	The nit	trogen h	as a	k	ond between	atoms in a nitrogen	molecule.			
	(A) Sin	gle		(B) Dou	ıble	(C) Triple	(D) Ionic			
46.	Which	of the fo	ollowing	is used	as an insecticio	le?				
	(A) Asp	oirin		(B) Gar	nmexane	(C) Quinine	(D) Penicillin			
47.	Match	the follo	wing:							
	 (a) Potassium chlorate 1. Constipation (b) Epsum salt 2. Match industry (c) Copper sulphate salt 3. Crackers (d) Potassium nitrate 4. Fungicide 									

Codes:

a b c d

- (A) 3 4 2 1
- (B) 2 3 4 1
- (C) 2 1 4 3
- (D) 3 4 1 2
- 48. Find out the calcium compound found on bones and teeth
 - (A) Calcium carbonate
- (B) Calcium phosphate

(C) Calcium chloride

- (D) Calcium sulphate
- 49. Amount the following which one is not an Insecticide?
 - (A) DDT
- (B) BHC
- (C) Zinc phsophide
- (D) Zinc sulphide

- 50. Which gas is released from the refrigerator?
 - (A) CH₄
- (B) CI
- (C) H₂
- (D) CFC

- 51. Ammonia is manufactured by
 - (A) Solvay process

- (B) Haber process
- (C) Birkland and Eyde process
- (D) Claude's process
- 52. Which one of the following ia known as 'Dry ice'?
 - (A) Solid carbon dioxide
- (B) Liquid carbon dioxide
- (C) Gaseous carbon dioxide
- (D) Liquid silicon dioxide
- 53. Select the wrong statement
 - (A) Calamine is a carbonate
- (B) Argentite is an oxide
- (C) Zinc blende is a sulphide
- (D) Malachite is an ore of copper
- 54. Which of the following traids are referred to as coinage metals.
 - (I) Li, K, Na
- (II) Be, Mg Ca
- (III) B, Al, Ga
- (IV) Cu, Ag, Au

- (A) I
- (B) II
- (C) III
- (D) IV
- 55. Respirated Quotient (R:Q) calculated by the following formula

(C) Nitric oxide + O₂

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 $(A)\frac{Vol.of\ CO^2}{Vol.of\ O^2}$ (B) $\frac{Vol.of O_2}{Vol.of CO_2}$ (D) Vol. of CO_2 – Vol. of O_2 (C) Vol. of CO_2 + Vol. of O_2 56. The pyrimidine nitrogen bases are (II) Thymine (III) Adenine (IV) Guanine (I) Uracil (A) I only (B) I and II (C) II and III (D) I and IV 57. The regent used in the conversion of benzene diazonium chloride to phenyl cyanide (A) HBR₄ / NaNo₂ , Powder (B) KCN and dil HCl (C) CuCN₂ and aqueous KCN (D) KCN solution / Cu Which one of the polymers contains nitrogen? 58. (A) PVC (C) Nylon – 66 (D) Terylene (B) Teflon For the filtration between Oxalic acid and sodium hydroxide the indicator used in 59. (A) Potassium permanganate (B) Phenolphthalein (C) Litmus (D) Methyl Orange One of the following methods is NOT useful for the Purification of metal 60. (A) Electrolytic Refining (B) Zone refining (C) Mond's process (D) Calcination 61. Oxidation number of carbon in CH₄, CH₃Cl, ChCl₃ and CCl₄ are **(B) -4, -2, +2, +4 (C) +4, +2, -2, -4 (D) -4, -2, +4, +2** (A) +4, -2, +2, -462. Two protoplasts are fused with a fusogen called (A) Polyethylene glycol (B) Polyethane glycol (C) Polyvinyl alcohol (D) Phosphoric acid 63. Identify the odd one from the group of chemical given below: (A) BHC (B) DDT (C) 2, 4D (D) CAN 64. Anaesthetic used for minor operation dentistry (A) Nitrous oxide (B) Nitric oxide

(D) Nitrogen dioxide

- 65. Identify the substance which is not optically active
 - (A) Cinnabar
- (B) Sugar solution
- (C) Turpentine oil
- (D) Wood
- 66. Lactic Acid, undergoes oxidation with Fenton's reagent (FeSO₄ + H₂O₂) gives

 $CH_3CHOH\ COOH \frac{FeSO_4H_2O_2}{(O)}$?

- (A) CH₃CO COOH Pyruvic acid
- (B) CH₃CH COOH Propionic acid
- (C) CH₃CH₂CHO Propion aldehyde
- (D) $CH_2 O CO$
- 67. Teflon is prepared by the polymerization of
 - (A) Butadiene

(B) Vinyl Cyanide

(C) Vinyl Chloride

- (D) Tetrafluoro Ethylene
- 68. The most reactive form of carbon is:
 - (A) Diamond
- (B) Graphite
- (C) Coal
- (D) Charcoal
- 69. Which of the following is an incorrect statement of Diamond?
 - (A) Diamond is the purest form of carbon
 - (B) Diamond is amorphous in nature
 - (C) Diamond has the highest melting point
 - (D) Diamond id the hardest variety of carbon
- 70. Which one of the following metal occurs in the native form?
 - (A) Au
- (B) Na
- (C) Pb
- (D) U
- 71. The process used for the manufacture of ammonia is
 - (A) Contact process

(B) Ostwald process

(C) Haber's process

- (D) Linde's process
- 72. Which one of the following is not an Lewis base?

	(A) C_5H_5N	(B) H ₂ O		(C) OH-	(D) AICI ₃		
73.	Which one of the	following does NOT b	elong to	Nitrogen family	?		
	(A) Phosphorus	(B) Antimony		(C) Bismuth	(D) Si	licon	
74.	Acids are substan	ces which give H⁺ions	in aque	ous solution is th	e concept of		
	(A) Arrhenius	(B) Faraday		(C) Ingold	(D) Os	swald	
75.	The Oxidation nur	mber of Carbon in Car	bon Tetr	achloride and Cl	nloroform are		
	(A) +4 and +2 resp	pectively	(B) -4 a	nd -2 respective	У		
	(C) +4 and -3 resp	ectively	(D) -4 a	nd -3 respective	ly		
76.	Element Lanthani	des and Actinides belo	ong to w	hich block in the	modern perio	dic table?	
	(A) s – block elem	ents	(B) d – l	olock elements			
	(C) f – block elem	ents	(D) p –	block elements			
77.	Consider the follo	wing statements:					
	(A) : Malachite or	e contains magnesium	n. 💮				
	(B): Epsom salt co	ontains calcium.					
	Of these,						
	(A) (A) alone is co	prrect	(B) (B) a	alone is correct			
	(C) Both are corre	ct	(D) Bot	h are wrong			
78.	In the nitrogen far	mily, which one of the	followir	ng has mire meta	allic property?		
	(A) Bismuth	(B) Arsenic		(C) Phosphorus	(D) Ni	itrogen	
79.	The oxidation nun	mber of sulphur in S ₈ is	s:				
	(A) 1 (E	3) 2 (C) 8		(D) 0			
80.	Aluminothermic p	process is used in the r	metallur	gy of which one	of the followin	g metals?	
	(A) Sodium	(B) Chromium		(C) Potassium	(D) Ni	iobium	
81.	Arrange the follow from the atmosph	_	es in asco	ending order acc	ording to their	r capacity of trapping hea	at
	(1) Methane (2	2) Carbon dioxide	(3) Nitr	ous oxide	(4) Hydrocarb	oon	

- (A) 1, 2, 4, 3
- (B) 4, 2, 1, 3
- (C) 2, 3, 4, 1
- (D) 3, 4, 1, 2

82. Identify the correct code of matching:

Column – A

Column – B

Compound

Oxidation Number of N

(a) NH₃

(e) -2

(b) NO

(f) +2

(c) NO₂

(g) -3

(d) N_2H_4

(h) +4

d

e

f

- a
- (A) g
- f

h

f

- (B)
- 2

h

- (C)

f

g

g

- е
- (D) e
- h
- 83. Match list-I with list-II correctly and select your answer using the codes given below:

List-I

List-II

(a) Cinnabar

1. Lead

(b) Galena

2. Copper

(c) Calamine

- 3. Mercury
- (d) Malachite
- 4. Zinc

Codes:

a

1

- С
- (A)
- 2

b

3

d

- (B) 3
- 2
- (C) 3
- 2

1

- 4
- (D) 4
- 3
- 2

1

84. Match list-I with list-II correctly and select your answer using the codes given below:

List-I

List-II

- (a) Sindri fertilizer
- 1. Ca(NO₃)₂NH₄NO₃
- (b) Nangal fertilizer
- 2. NH₂CO NH₂

(c) Nitrolim

- 3. (NH₄)₂ SO₄
- (d) Carbamide
- 4. CaCN₂

Codes:

a b c d

- (A) 3 1 2 4
- (B) 3 1 4 2
- (C) 3 2 4 1
- (D) 3 2 1 4
- 85. Match list-I with list-II correctly and select your answer using the codes given below:

List-II List-II

(a) Nylon - 66

Isoprene

(b) Bakelite

2. Condensation polymer

(c) Teflon

- 3. Tetraluoro ethylene
- (d) Natural rubber
- 4. Thermostteing polymer

Codes:

a b c d

- (A) .2 1 3
- (B) 2 4 3 1
- (C) 3 4 1 2
- (D) 4 1 2 3
- 86. Manure is an organic substance and is prepared by
 - (A) Decomposition of Plant and Animal waste
 - (B) Decomposition of Ammonia
 - (C) Adding Ammonia to carbondioxide
 - (D) Mixing calcium with Urea
- 87. The purity of ornamental gold is given by
 - (A) Carat value

(B) pH value

(C) Acidic value

- (D) Basic value
- 88. (I) H₂CO₃ (Carbonic acid) is used in soft drinks or aerated drinks.
 - (II) Sodium Benzoate is not used as food preservative
 - (A) I only
- (B) II only
- (C) Both I and II
- (D) Neither I nor II

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89. Match list-I with list-II correctly and select your answer using the codes given below:

> List-I List-II

- (a) Water 1. H₂SO₄ (b) Sulphuric acid 2. Ae₂ (SO₄)₃ (c) Calcium Carbonate 3. CaCO₃
- (d) Aluminium sulphate 4. H₂O

Codes:

- d а С
- (A) 3 2
- (B)
- (C) 3 1 2 4
- 2 3 (D) 1 4
- Match list-I with list-II correctly and select your answer using the codes given below: 90.

List-I List-II

Elements Valency

- (a) Bromine 1.2 (b) Barium 2.1 3.3 (c) Carbon
- (d) Aluminium 4.4

Codes:

а (A) 2 3 4 1

b

- (B) 1 2
- (C) 2 1 3
- 2 4 3 (D) 1
- 91. The one which is used in dentistry is:
 - (A) Plaster of paris (B) Lime stone (C) China clay (D) Silica
- 92. Preparation of ammonia from nitrogen and hydrogen is a
 - (A) Irreversible reaction (B) Reversible reaction

d

(C) Fast reaction (D) Side reaction

93.	Louis bases ar	e:							
	(1) Electron de	onors	(2) E	(2) Electron accessors					
	(3) Electron ri	ch compounds	(4) N	(4) Negatively charged ions					
	Choose the co	orrect answer.							
	(A) 1, 2 and 3	(B) 1,	3 and 4	(C) 2, 3 and 4	(D) All of these				
94.	The oxidation	state of Ni in [Ni	i (CO) ₄] is						
	(A) +4	(B) +2	(C) +3	(D) 0					
95.	Which of the f	following statem	ents are incor	ect with respect to the all	otropes of carbon?				
	(I) Diamond is exactly hard while graphite is soft								
	(II) Diamond is	s ionic but graph	ite is covalent						
	(III) Diamond	is a non – condu	ctor but graph	graphite is a good conductor of electricity					
	(IV) Diamond	has a layered str	ucture while g	hile graphite has a network structure					
	(A) I and II	(B) I, I	I and IV	(C) I, III and IV	(D) II and IV				
96.	The atomic sy	mbol used for th	e element Tur	gsten is					
	(A) U	(B) V	(c) W	(D) Ti					
97.	When Alumin according to t		ed with fast ne	utrons it changes into Sod	ium with emission of particle 'x'				
	$^{27}_{13}Al + ^{1}_{0}n \rightarrow$	$^{24}_{11}Na + x$. Wh	nat is x?						
	(A) Electron	(B) Proton	(C) Neutron	(D) Alpha particle					
98.	Consider the f	following statem	ents:						
	(a) Calcium is	alkaline earth m	etal	(b) Lithium is alkali me	etal				
	(A) (a) alone is	s correct	(B) (b) alone is correct					
	(C) Both (a) ar	nd (b) are correc	t (D) i	Both (a) and (b) are wrong					
99.	Auto ionisatio	n of H₂O leads to	the formation	n of					
	(A) H ⁺ ₃O	(B) OH	(C) H ⁺	(D) H₃O⁺ and OH⁻					
100.	Which one of the following id not an allotrope of carbon?								

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(A) Diamond

(B) Graphite

(C) Fullerene

(D) Butane

