1.	. Most of the oxides of metals when react with acid, form									
A. A base. B. An acid C. A salt D. Either (1) or (2)										
2.	Lime water	ris								
	(a) Ca	O (b) C	a(OH)2	(c) CaCO3	(d) CaCI2					
3.	What happ	ens when a so	olution of an	acid is mixe	d with a sol	ution of a	base in a test tube?			
	(1) Tei	(1) Temperature of the solution decreases								
	(2) Tei	(2) Temperature of the solution increases								
	(3) Temperature of the solution remains the same									
	(4) Salt formation takes place									
	(a) 1 d	&4	(b) 1 & 3		(c) 2 only		(d) 2 & 4			
	•	•			•	•	ually passed through n in the guard tube			
	(a) Ab	sorb the evol	ed gas	(b) mo	isten the ga	S				
	(c) Ab	sorb moisture	from the ga	as (d) Ab	sorb Cl– ion	s from the	evolved gas			
5.	What is formed when zinc reacts with sodium hydroxide?									
	(a) (c)	Zinc hydroxi Sodium zinc					ncate and hydrogen ncate and water	gas		
6.	Tomato is a natural source of which acid?									
	(a) Aco	etic acid	(b) Citric	acid	(c) Tartaric	acid	(d) Oxalic acid			
7.	Which one	of the given i	s incorrect?							
	A. Aci	A. Acids turns blue litmus paper red								
	B. Aqu	B. Aqueous solutions of acids conduct electricity								
	C. Acid	C. Acids react with certain metals to form hydrogen gas D. None of these								

8.	Na2CO3 . 10H2O is							
	(a) Washing soda	((b) baking soda					
	(c) Bleaching powder		(d) tartaric acid					
9. Wł	nich one of the given is	formed w	hen sodiu	m hydrogen ca	rbonate reacts with hydrochl	loric acid?		
	A. Sodium chloride	B. Carbo	n dioxide	C. Water	D. All of these			
10. A	strong acid:							
	A. Completely gets id	onized in v	water	B. Partially	gets ionized in water			
	C. Do not get ionized in water			D. All of these				
11. W	/hich of the given is use	ed as an a	ntacid?					
	A. Sodium hydro carl	bonate	B. Calciun	n hydroxide				
	C. Magnesium hydro	xide	D	. All of these				
12. W	/hich of the following p	henomen	a occurs w	hen acid is mix	ed with water			
	(A) Neutralization	(B) Dilu	ution (C) Ionization				
A. Or	nly (B) is correct	B. (A)	& (B) are	correct				
C. (B)	& (C) are correct	D. Only	(C) is cor	rect				
13. D beca		CO2 thro	ugh an aq	ueous solution	of slaked lime, its milkiness	fades		
A. Ca	lcium carbonate is prod	duced	В. (Calcium bi-carb	onate is produced			
C. Ca	lcium oxide is produced	d	D. [Due to the proc	luction of more heat			
14. A	lkalis are							
(a) A	rids which are soluble i	n water		(h) Acids w	hich are insoluble in water			

(c) Bases, which are insoluble in water

(d) Bases, which are soluble in water

15. Wh	ich of t	he following	statemen	ts is correc	t about an	aqueous soluti	on of an	acid and of a base?
	(i) Higher the pH, stronger the acid			(ii) Hi	(ii) Higher the pH, weaker the acid			
	(iii) Lov	wer the pH, s	tronger th	ne base	(iv) Lo	ower the pH, we	eaker the	e base
(a) (i) a	ınd (iii)	(b) (i	ii) and (iii)	(c)	(i) and (iv)	(d) (ii)) and (iv)	
16. Ne	ttle stin	g is a natural	source o	f which acid	d?			
	(a) Met	thanoic acid	(b)	Lactic acio	l (c)	Citric acid	(d)	Tartaric acid
17. Too	oth enai	mel is made	up of					
	(a) Cald	cium phosph	ate (b) C	alcium carl	oonate (c)	Calcium oxide	d) Po	tassium
18. Wh	nat is the	e pH range o	f our bod	y?				
	(a) 7.0	- 7.8 (b)	7.2 – 8.0	(c) 7.0 – 8.	4 (d) 7	2 – 8.4		
19. Rai	n is call	ed acid rain v	when its:					
	(a) pH	falls below 7	(b) pH	falls below	6 (c) pH	I falls below 5.6	5	(d) pH is above 7
20. Soc	dium hy	droxide is a						
	(a) We	eak base	(b) wea	ak acid	(c) Stı	ong base	(d) Stro	ong acid
	•	ıs solution tu d reverse the		mus solutio	on blue. Ex	cess addition o	of which o	of the following
	(a)	Baking pow	der	(b)	Amm	onium hydroxid	de solutio	on
	(c)	Lime		(d)	Hydro	ochloric acid		
22. Wh	nen cop _l	per oxide and	d dilute hy	ydrochloric	acid react,	color changes	to	
	(a) Wh	ite	(b) Blu	ish-green	(c) Blu	ie-black	(d) Bla	ck

23. Sodium hydroxide is used								
(a) As an anta	acid	(b) In ı	(b) In manufacture of soap					
(c) As a clean	sing agent	(d) In a	(d) In alkaline batteries					
24. Sodium hydroxide turns phenolphthalein solution								
(a) Pink	(a) Pink (b) Yellow (c) C		(d) Orange					
25. Chemical formula of washing soda is								
(a) Na2C03 . ·	7H2O (b)Na2	2C03 . 5H2O	(c) Na2C03 . 2H2O	(d) Na2C03 . 10H2O				
26. When acids dissolve in water it releases								
A. H+ ion	B. H- ion	C. H3O+ ion	D. H3O2+ ion					
27. When sodium hydroxide reacts with Zinc it produces								

28. You are given 3 unknown solutions with pH value as 6,8 & 9.5 respectively. Which solution will contain maximum OH⁻ ion?

B. Sodium zincates and water

D. Sodium oxide and hydrogen

A. Solution sample-1

A. Sodium oxide and water

C. Sodium zincates and hydrogen

- B. Solution sample-2
- C. Solution sample-3
- D. Data are insufficient