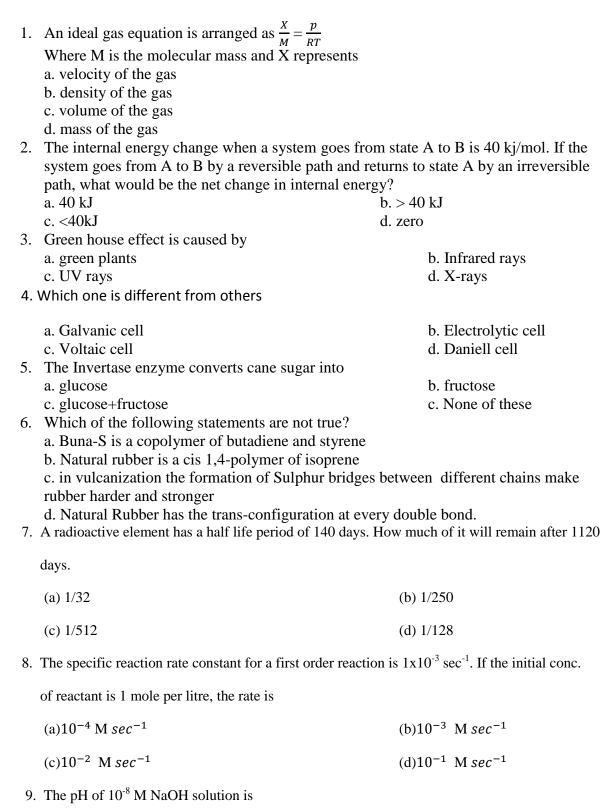
CHEMISTRY

QUESTION SET - 5



((a) 8	(b) 6		
((c) 6.98	(d) 7.02	2	
10.	Lunar caustic is			
((a) NaOH		(b)KOH	
((c) $Ba(OH)_2$		$(C)AgNO_3$	
11	. What is the oxidation state of iron in I	K ₃ [Fe(Cl	N) ₆]?	
((a)+2	(b)+3		
((c)+4	(d)-3		
1 6	A solution is prepared by adding 2 g mass percent of the solute. a. 8% c.10% Example of an Acidic buffer is	of a sub	b. 9% d. 11%	
	a) mixture of HCl & CH ₃ COON	a		
	b) mixture of CH ₃ COOH & CH ₃ COONa			
	c) mixture of NH ₄ OH & NH ₄ Cl			
	d) mixture of NaOH & NaCl			
14. 7	The compound with a formula H ₂ NCH ₂	COOH b	behave as	
((a)Strong acid			
((b)Strong base			
((c) Amphoteric substance			
(d)Strong reducing agent			
15.	The mixture of formic acid and acetic a	acid vapo	ours are passed over heated manganous oxide at	
	575 K. The main product is			
	(a)Ethyl ethanoate			
	(b)Methyl formate			
	(c)Acetone			
	(d)Acetaldehyde			
16.	Reimer-Tiemann reaction involves a			

(a) 10		(b)14				
(c) 20		(d) 40				
18. Whic	h of the following is the stro	ngest base?				
(a)	\sim NH $_2$	(c)	\sim NH $_2$ CH $_3$			
(b)	NHCH ₃	(d)	CH ₂ NH ₂			
19. Stainless steel contains						
(a) Fe & C (b) Cu & Zn (c) Fe, C & Cr (d) Cu, Sn & Cr						
20. The shape of 'p' orbital is						
(a) Spherical (b) dumbbell (c) Double dumbbell (d) None of these						
Answer of Set - 10						
1. B						

17. 0.5 g of a metal on oxidation gave 0.79g of its oxide. The equivalent weight of the

(a) Carbonium ion intermediates

(b) Carbene intermediate

(c) Carbanion intermediate

(d) Free radical intermediate

metal is

D
B
B
C
D
B

- 8. B
- 9. D
- 10. D
- 11. D
- 12. C
- 13. B
- 14. C
- 15. D
- 16. B
- 17. B
- 18. A
- 19. C 20. B