Inter (Part-I) 2021

Chemistry	Group-II	PAPER: I		
Time: 20 Minutes	(OBJECTIVE TYPE)	Marks: 17		
are given. The circle in front of the answer-book result in zero management of the following the series of the ser	answers A, B, C and D to choice which you think is of that question with Mark ok. Cutting or filling two or nark in that question.	er or Pen ink in more circles will		
(a) CaF ₂	(b) Glass ✓			
(c) NaCl 2- The number of	(d) All of thes			
the number of bonds in mitogen molecule is:				
and the second s				
(c) Three sign 3- The temperat	The state of the s			
(a) 20000°C √ (c) 5000°C	ure of a natural plasma is (b) 1000°C (d) 10000°C	about:		
4- 18 g glucose		ater the relative		
4- 18 g glucose is dissolved in 90 g of water, the relative lowering of vapour pressure is:				
(a) $\frac{1}{5}$ (c) $\frac{1}{51}$	Bab (b) 5.1 (d) 6			
*	1-calorie is equivalent to:			
(a) 0.4184 J (c) 418.4 J	(b) 41.84 J (d) 4.184 J			
6- Nickel has nu	Nickel has number of isotopes:			
(a) 3 (c) 7	(b) 5 ✓ (d) 2	e fam,		
7- pH of human				
(a) 7.35 ✓ (c) 5.35	(b) 6.35 (d) 4.35			

8-	Bond angles $\alpha = \gamma = 90^{\circ}$; $\beta \neq 90^{\circ}$ and axes $a \neq b \neq c$ is				
	for crystal system:				
	(a) Tetragonal (b) Hexagonal			
	(c) Monoclinic /	d) Triclinic			
9-	If the rate equation of a re	action 2A + B → Products			
	is, rate = K [A] ² [B] and A is present in large excess,				
	then order is:				
	(a) 1 ✓	(b)· 2			
105	(c) 3	(d) Zero			
10-	1 gram formula of NaCl is equal to:				
	(a) 58.5 g ✓	(b) 23 g			
		(d) 12 g			
11-	The pH of 10 ⁻³ mol dm ⁻³ of an aqueous solution of				
	H ₂ SO ₄ is:				
		(b) 2.7 ✓			
		(d) 1.5			
12- Solvent extraction is an equilibrium process and it is					
	controlled by:				
	(a) Law of mass action				
,	(b) The amount of solvent used(c) Distribution law ✓ (d) The amount of solute				
		21 1900			
13-	그렇게 보면서 그렇게 가득하다면 그렇게 되었다. 그는 그는 그런 그 사람들이 되었다면 그렇게 되었다. 그 없는 그는 그를 보고 있다면 그렇게 되었다면 그렇게				
i.	(a) $\lambda = \frac{h}{mv}$	(b) $m = \frac{n}{\lambda}$ (d) $\lambda = \frac{2h}{mv}$			
	(c) $m = \frac{h}{v}$	(d) $a = \frac{2h}{h}$			
14-	Stronger the oxidizing ag				
	(a) Oxidation potential				
	(c) Redox potential	•			
15-					
· .	(a) 738 kJ mol⁻ ✓				
	(c) 448 kJ mol ⁻	(a) 138 kJ mol			

- 16- The velocity of photon is:
 - (a) Independent of wavelength ✓
 - (b) Depends on wavelength
 - (c) Equal to square of its amplitude
 - (d) Depends on its source
- 17- Pressure remaining constant, at which temperature the volume of the gas will become twice of what it is at 0°C:
 - (a) 546°C

(b) 200°C

(c) 546 K ✓

(d) 273 K

