

Roll No. : _____

Objective
Paper Code

6485

Intermediate Part First

CHEMISTRY (Objective) GROUP - I

Time: 20 Minutes

Marks: 17



Q.No.1

You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions as given in objective type question paper and leave other circles blank.

S.#	Questions	A	B	C	D
1	The number of neutrons present in K_2 is:	39	18	20	19
2	Which is a pseudo solid?	CaF_2	Glass	$NaCl$	KCl
3	When $a \neq b \neq c$ and $\alpha = \gamma = 90^\circ$, $\beta \neq 90^\circ$ then it is:	Monoclinic	Diclinic	Triclinic	Polycyclic
4	Density of an ideal gas can be calculated by the formula:	$PV = dRT$	$PM = dPV$	$d = \frac{RT}{PM}$	$d = \frac{PM}{RT}$
5	One atmosphere is equal to:	760mm of Hg	1000mm of Hg	760cm of Hg	20 psi
6	The comparative rates at which the solutes move in paper chromatography, depend on:	The size of the paper	R_f values of solutes	Temperature of the experiment	Size of the chromatogram
7	The drying agent used in desiccator is:	$NaCl$	KBr	$CaCl_2$	$BaCl_2$
8	The number of moles of CO_2 which contain 8.0g oxygen:	0.25	0.50	1.0	1.50
9	The mass of one mole of electrons is:	1.008g	0.55mg	0.184g	1.673mg
10	Glucose is converted into ethanol by the enzyme _____ present in yeast.	Urease	Invertase	Sucrose	Zymase
11	If the salt bridge is not used between two half cells, then the voltage:	Decrease rapidly	Decrease slowly	Does not change	Drops to zero
12	A solution of glucose is 10% $\frac{w}{v}$. The volume in which 1g mole of it is dissolved will be:	$1dm^3$	$1.8dm^3$	$200cm^3$	$900cm^3$
13	pH of pure water is:	4.4	5.4	7.0	8.0
14	One calorie is equivalent to:	0.4184J	41.84J	4.184J	418.4J
15	Which element has smaller size?	Na	K	Al	Li
16	Which molecule has zero dipole moment?	NH_3	$CHCl_3$	H_2O	BF_3
17	The number of electrons in the outermost shell of chloride (Cl^-) ion is:	17	03	01	08

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