





Sample Paper - 1 Year Program

Admission & Scholarship Test

Duration : 3.0 Hrs

Maximum Marks: 300

PAPER SCHEME :

- The paper contains 75 Objective Type Questions divided into three sections: Section I (Chemistry), . Section - II (Physics) and Section - III (Mathematics).
- Each section contains 25 Multiple Choice Questions. Each question has 4 choices (A), (B), (C) and (D), out of which ONLY ONE CHOICE is correct.

MARKING SCHEME :

KING SCHEME : For each question in Section-I, II and III, 4 marks will be awarded for correct answer and -1 negative MED marking for incorrect answer.

GENERAL INSTRUCTIONS:

- For answering a question, an ANSWER SHEET (OMR SHEET) is provided separately. Please fill your Name, Roll Number, Seat ID, Date of Birth and the PAPER CODE properly in the space provided in the ANSWER SHEET. IT IS YOUR OWN RESPONSIBILITY TO FILL THE OMR SHEET CORRECTLY.
- A blank space has been provided on each page for rough work. You will not be provided with any supplement or rough sheet.
- The use of log tables, calculator and any other electronic device is strictly prohibited.
- Violating the examination room discipline will immediately lead to the cancellation of your paper and no excuses will be entertained.
- No one will be permitted to leave the examination hall before the end of the test.
- Please submit both the question paper and the answer sheet to the invigilator before leaving the examination hall.

SUGGESTIONS:

- Before starting the paper, spend 2-3 minutes to check whether all the pages are in order and report any issue to the invigilator immediately.
- Try to attempt the Sections in their respective order.
- Do not get stuck on a particular question for more than 2-3 minutes. Move on to a new question as there are 75 questions to solve.

SECTION - I [CHEMISTRY]

What is the concentration of nitrate ions if equal volumes of 0.1 M AgNO₃ and 0.1 M NaCl are mixed 1. together? **(A)** 0.1 M **(B)** 0.2 M **(C)** 0.05 M **(D)** 0.25 M 2. The percentage of nitrogen in urea is about : 28 **(A)** 46 **(B)** 85 **(C)** 18 (D) The empirical formula of a compound is CH₂O. 0.0835 moles of the compound contains 1.0 g of 3. hydrogen. Molecular formula of the compound is : (C) $C_4H_8O_8$ (D) $C_3H_6O_3$ $C_{5}H_{10}O_{5}$ **(A)** $C_{2}H_{12}O_{6}$ **(B)** Two samples of lead oxide were separately reduced to metallic lead by heating in a current of 4. hydrogen. The weight of lead from one oxide was half the weight of lead obtained from the other Law of constant proportions oxide. The data illustrates : **(B)** (A) Law of reciprocal proportions (C) Law of multiple proportions(D) Law of equivalent proportionsThe ratio between kinetic energy and the total energy of the electrons of hydrogen atom according to 5. IT Bohr's model is : **(A)** 2:1**(B)** 1:1**(C)** 1:-1**(D)** 1:26. Which of the following transitions have minimum wavelength? **(A)** $n_4 \rightarrow n_1$ **(B)** $n_2 \rightarrow n_1$ **(C)** $n_4 \rightarrow n_2$ **(D)** $n_3 \rightarrow n_1$ 7. Which of the following sets of quantum numbers represent an impossible arrangement ? 1 т п m_s n т m_s 2 -2 (+) $\frac{1}{2}$ $(-)\frac{1}{2}$ **(B)** 3 4 0 0 **(A)** 2 -3 (+) $\frac{1}{2}$ **(D)** 5 3 0 **(C)** 3 8. The total number of electrons that can be accommodated in all the orbitals having principal quantum number 2 and azimuthal quantum number 1 is : 8 (A) 2 **(B)** 4 **(C)** 6 **(D)** 9. The correct sequence of increasing covalent character is represented by : LiCl < NaCl < BeCl₂ BeCl₂ < NaCl < LiCl **(A) (B) (C)** NaCl < LiCl < BeCl₂ **(D)** BeCl₂ < LiCl < NaCl

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10.	Which (A)	n of the following PCl ₅	g compo (B)	unds does not fo PCl ₃	llow the (C)	e octet rule for el H ₂ O	ectron d (D)	istribution ? PH ₃			
11.			-		-	d value of dipo culate the percer 50		ent is 6.12D (Debye), nic character. 90			
12.	BF ₃ at (A) (B) (C) (D)	 (B) B - F bond has no dipole moment whereas N - F bond has dipole moment (C) The size of boron atom is smaller than nitrogen 									
13.	The m	-	f A is ha	lf that of gas B.			-	s twice that of gas B. mperature. The ratio of 1/4			
14.		are 6.02×10^{22} . The mass of the 6.2				H ₂ which are r 3.09		Deter at 760 mm and $E7^{986}$			
15.		done during isot constant = 2) : 938.8 <i>cal</i>	thermal of (B)	expansion of one 1138.8 <i>cal</i>			om 10 <i>a</i>	<i>tm</i> to 1 <i>atm</i> at 300 <i>K</i> is 1581.8 <i>cal</i>			
16.	9.0 gn	9.0 gm of H ₂ O is vaporised at 100°C and 1 atm pressure. If the latent heat of vaporisation of water is $x J/gm$, then ΔS is given by :									
	(A)	$\frac{x}{373}$	(B)	$\frac{18x}{100}$	(C)	$\frac{18x}{373}$	(D)	$\frac{1}{2} \times \frac{18x}{373}$			
17.						rre is 75 JK ⁻¹ m increase in temp 2.4 K		Then 1.0 <i>kJ</i> of heat is of water is : 4.8 K			
18.	Entrop (A)	oy is maximum i Steam	n case of (B)	f : Water at 0°C	(C)	Water at 4°C	(D)	Ice			
19.	How r (A)	nuch of 80% put 200 g	re CaCO (B)	3 will be required 100 g	d to proc (C)	luce 44.8 L of C 180 g	O ₂ at S' (D)	TP? 250 g			
20.	Hybrid (A)	dization of the un <u>Al</u> H ₃ changes		l atom changes i	n: (B)	H_2O changes to H_3O^+					
21.	sponta	ineous?	would		C			$S = 10 \text{ cal } \text{K}^{-1} \text{mol}^{-1}$, be			
	(A)	400 K	(B)	Above 400 K	(C)	Below 400 K	(D)	Uncertain			

- 22. Which of the following relations is correct for the facts shown in the given figure ?
 - (A) $\lambda_3 = \lambda_1 + \lambda_2$ (B) $\lambda_1 + \lambda_2 + \lambda_3 = 0$ (C) $\lambda_3 = \frac{\lambda_1 \lambda_2}{\lambda_1 + \lambda_2}$ (D) $\lambda_3^2 = \lambda_1^2 + \lambda_2^2$ $\frac{1}{\lambda_1, \Delta E_1} \qquad n+2$ $\lambda_2, \Delta E_2 \qquad \lambda_3, \Delta E_3$

23. The kinetic energy of an electron in n^{th} of a uni-electron species of atomic number Z is $13.6 \frac{Z^2}{n^2}$ eV. The potential energy of this electron in the same situation is:

(A)
$$-13.6\frac{Z^2}{n^2}eV$$
 (B) $-6.8\frac{Z^2}{n^2}eV$ (C) $-27.2\frac{Z^2}{n^2}eV$ (D) $+27.2\frac{Z^2}{n^2}eV$

- **24.** The radii of F, F^-, O and O^{-2} are in the order of :
 - (A) $O^{2-} > F^- > O > F$ (B) $O^{2-} > F^- > F > O$ (C) $F^- > O^{2-} > F > O$ (D) $O^{2-} > O > F^- > F$

25. The ionic conductance of following cation in a given concentration are in the order :

- (A) $Li^+ < Na^+ < K^+ < Rb^+$
- (C) $Li^+ < Na^+ > K^+ > Rb^+$

SECTION - II [PHYSICS]

(B)

(D)

 $Li^{+} > Na^{+} > K^{+} > Rb^{+}$

 $Li^{+} = Na^{+} < K^{+} < Rb^{+} \wedge 9^{\circ}$

- 26. If a vector $2\hat{i} + 3\hat{j} + 8\hat{k}$ is perpendicular to the vector $4\hat{j} 4\hat{i} + \alpha\hat{k}$, then the value of α is : (A) 1/2 (B) -1/2 (C) 1 (D) -1
- 27. Two vectors having equal magnitudes have addition resultant equal in magnitude to either of the two. The angle between them is :
 - (A) 90° (B) 60° (C) 120° (D) 0°
- **28.** A student measures the time period of 100 oscillations of a simple pendulum four times. The data set is 90s, 91s, 95s and 92s. If the minimum division in the measuring clock is 1s, then the reported mean time should be :
 - (A) $92 \pm 5.0 s$ (B) $92 \pm 1.8 s$ (C) $92 \pm 3 s$ (D) $92 \pm 2 s$
- **29.** A, B, C and D are four different physical quantities having different dimensions. None of them is dimensionless. But we know that the equation $AD = C \ln(BD)$ holds true. Then which of the combination is **not** a meaningful quantity?

(A)
$$A^2 - B^2 C^2$$
 (B) $\frac{A-C}{D}$ (C) $\frac{A}{B} - C$ (D) $\frac{C}{BD} - \frac{A^2 D^2}{C}$
30. The acceleration of a particle which moves along the positive x-axis varies with its position as shown. If the velocity of the particle is 0.8 m/s at x = 0, the velocity of the particle at x = 1.4 m is : (in m/s)
(A) 1.6 (B) 1.2 (C) 1.4 (D) 1.0 $0.4 = 0.8 - 1.4$ x(in m)

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A swimmer crosses a flowing stream of width b to-and-fro in time t_1 . The time taken to cover the 31. same distance up and down the stream is t_2 . If t_3 is the time swimmer would take to swim a distance 2b in still water, then :

(A)
$$t_1^2 = t_2 t_3$$
 (B) $t_2^2 = t_1 t_3$ (C) $t_3^2 = t_1 t_2$ (D) $t_3 = t_1 + t_2$

A particle is moving in a straight line. The velocity v of the particle varies with time t as $v = t^2 - 4t$, 32. then the distance travelled by the particle during t = 0 to t = 6s (where t is second and v is in m/s) is :

(A)
$$\frac{64}{3}m$$
 (B) Zero (C) $\frac{32}{3}m$ (D) $\frac{22}{3}m$

33. A glass wind screen whose inclination with the vertical can be changed is mounted on a car. The car moves horizontally with a speed of 2 m/s. At what angle α with the vertical should the wind screen be placed so that the rain drops falling vertically downwards with velocity 6 m/s strike the wind screen perpendicularly ?

(A)
$$\tan^{-1}(3)$$
 (B) $\tan^{-1}(1/3)$ (C) $\cos^{-1}(3)$ (D) $\sin^{-1}(1/3)$

34. In the figure shown, the two projectiles are fired simultaneously. The minimum distance between them during their flight is :
(A)
$$20 m$$
 (B) $10\sqrt{3}m$

(C)
$$10 m$$
 (D) $5 m$

35. A particle A is projected from the ground with an initial velocity of 10 m/s at an angle of 60° with horizontal. From what height h should DA an-another particle B be projected horizontally with velocity 5 m/sso that both the particles collide at point C if both are projected simultaneously $(g = 10 m/s^2)$? 30 m 25 m

(A)
$$10 m$$
 (

(C)
$$15 m$$
 (D) 25

36. Tangential acceleration of a particle moving in a circle of radius 1 mvaries with time t as shown in the graph (initial velocity of particle is zero). Time after which total acceleration of particle makes an angle of 30° with radial acceleration is :

(A)
$$4 \sec$$
 (B) $4/3 \sec$

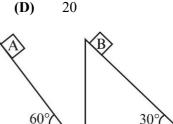
37. The co-ordinates(in m) of a moving particle at a time t, are given by, $x = 5 \sin 10 t$, $y = 5 \cos 10 t$. The speed of the particle (in m/s) is: (A) 25 **(B)** 50 **(C)** 10

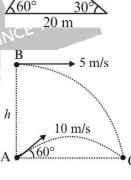
(C)

- 38. Two fixed frictionless inclined plane making an angle 30° and 60° with the vertical are shown in the figure. Two blocks A and B are placed on the two planes. What is the relative vertical acceleration of A with respect to B?
 - $4.9 \ ms^{-2}$ in horizontal direction **(A)**
 - **(C)** zero

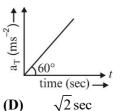
9.8 ms⁻² in vertical direction **(B)** 4.9 ms⁻² in vertical direction **(D)**

 $2^{2/3}$ sec





20 m/s



39. Consider the diagram. a_1 and a_2 are accelerations of two blocks m_1 and m_2 respectively just after cutting the spring at end A. Similarly, a_3 and a_4 are accelerations of two blocks just after cutting the string. Which one of the following options is **incorrect** ?

(A)
$$a_1 = g$$
 (B) $a_2 = g$

(C) $a_3 = m_1 g / m_2$ (D) $a_4 = g$

A •

B

2m *m*

m

2kg

 $\mu = 0.2$

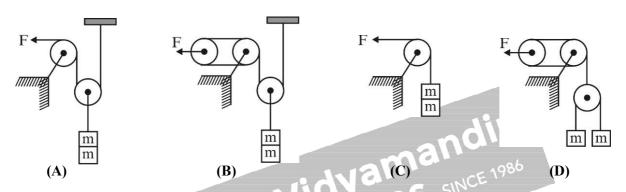
m

 $\mu = 0.2$

C

2m

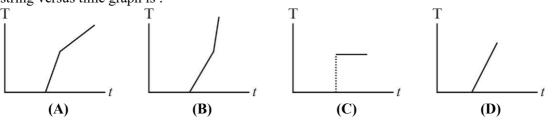
40. A man thinks about 4 arrangements as shown to raise two small bricks each having mass *m*. Which of the arrangements would take minimum time?



 41. The system is pushed by a force F as shown in figure in figure. All surfaces are smooth except between B and C. Friction coefficient between B and C is μ. Minimum value of F to prevent block B from downward slipping is :

(A)
$$\left(\frac{3}{2\mu}\right)mg$$
 (B) $\left(\frac{5}{2\mu}\right)mg$ (C) $\left(\frac{5}{2}\right)\mu mg$ (D) $\left(\frac{3}{2}\right)\mu mg$

- 42. A weightless string passes through a slit over a pulley. The slit offers frictional force f to the string. The string carries two weights having masses m_1 and m_2 , where $m_2 > m_1$, then acceleration of the weights is :
 - (A) $\frac{(m_2 m_1)g f}{m_1 + m_2}$ (B) $\frac{f (m_1 m_2)g}{m_1 + m_2}$ (C) $\frac{(m_1 - m_2)g - f}{(m_1 + m_2)}$ (D) $\frac{m_2g - f}{(m_1 + m_2)}$
- **43.** Two blocks each of mass m = 2kg placed on rough horizontal surface connected by massless string as shown in the figure. A variable horizontal force F = t N (where t is time) is applied, then the tension T in string versus time graph is :



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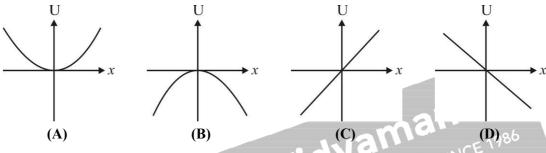
44. A stone tied to a string of length L is whirled in a vertical circle with the other end of the string at the centre. At a certain instant of time, the stone is at its lowest position, and has a speed u. The magnitude of the change in its velocity as it reaches a position where the string is horizontal is :

(A)
$$\sqrt{u^2 - 2gL}$$
 (B) $\sqrt{2gL}$ (C) $\sqrt{u^2 - gL}$ (D) $\sqrt{2(u^2 - gL)}$

45. A wind-powered generator converts wind energy intercepted by its blades into electrical energy. For wind speed V, the electrical power output will be proportional to :

(A)
$$V$$
 (B) V^2 (C) V^3 (D) V^4

A particle is acted by a force F = -kx, where k is a positive constant. Its potential energy at x = 046. is zero. Which curve correctly represents the variation of potential energy of the block with respect to x?



- 47. If the resultant of all the external forces action on a system of particles is zero, then from an inertial frame, one can surely say that the : angular momentum of the system does not change in time potential energy of the system does not change in time
 - (A)
 - **(B)**
 - **(C)**
 - **(D)**
- Two particles of masses m_1 and m_2 in projectile motion have velocities \vec{v}_1 and \vec{v}_2 , respectively, at 48. time t = 0. They collide at time t_0 . Their velocities become \vec{v}_1' and \vec{v}_2' at time $2t_0$ while still moving in air. The value of $\left(m_1 \vec{v}_1' + m_2 \vec{v}_2' \right) - \left(m_1 \vec{v}_1 + m_2 \vec{v}_2 \right)$ is :

(A) Zero (B)
$$(m_1 + m_2)gt_0$$

(C)
$$\frac{1}{2}(m_1 + m_2)gt_0$$
 (D) $2(m_1 + m_2)gt_0$

49. A ball hits the floor and rebounds after an inelastic collision. In this case,

- the momentum of the ball just after the collision is the same as that just before the collision **(A)**
- the mechanical energy of the ball remains the same in the collision **(B)**
- **(C)** the total momentum of the ball and the earth is conserved
- the total mechanical energy of the ball and the earth is conserved **(D)**

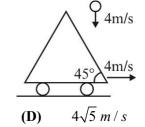
 $4\sqrt{3}m/s$

50. A small ball falling vertically downward with constant velocity 4m/s strikes elastically a massive inclined cart moving with velocity 4m/s horizontally as shown. The velocity of the rebound of the ball is :

(B)

 $4\sqrt{2}m/s$

(A)



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(C)

4m/s

SECTION - III [MATHEMATICS]

In the expansion of $(3^{-x/4} + 3^{5x/4})^n$ the sum of binomial coefficient is 64 and term with the greatest 51. binomial coefficient exceeds the third by (n-1), the value of x must be : **(A)** 0 **(B) (C)** 2 **(D)** 3 1 The value of $\sum_{r=1}^{15} \frac{r2^r}{(r+2)!}$ is equal to : 52. (A) $\frac{(17)!-2^{16}}{(17)!}$ (B) $\frac{(18)!-2^{17}}{(18)!}$ (C) $\frac{(16)!-2^{15}}{(16)!}$ (D) $\frac{(15)!-2^{14}}{(15)!}$ If the term independent of x in the $\left(\sqrt{x} - \frac{k}{r^2}\right)^{10}$ is 405, then k equals : 53. (A) 2, -2 (B) 3, -3 (C) 4, -4 (D) 1, -1 The coefficient of x^{53} in the expansion $\sum_{m=0}^{100} C_m (x-3)^{100-m} 2^m$ is : (A) ${}^{100}C_{47}$ (B) ${}^{100}C_{53}$ (C) $-({}^{100}C_{53})$ (D) $-({}^{100}C_{53})$ 54. In the expansion of $(1 + x + x^3 + x^4)^{10}$, the coefficient of x^4 is: (A) ${}^{40}C_4$ (B) ${}^{10}C_4$ (C) 240 (D) 310 The sum of ration 55. The sum of rational term in $\left(\sqrt{2} + \sqrt[3]{3} + \sqrt[6]{5}\right)^{10}$ is equal to : 56. **(A)** 12632 **(B)** 1260 **(C)** 126 **(D)** None of these 57. The largest term common to the sequences 1, 11, 21, 31,to 100 terms and 31, 36, 41, 46, To 100 terms is : (A) 381 **(B)** 471 **(C)** 281 **(D)** 521 **58**. Consider an A.P. a_1, a_2, a_3, \dots such that $a_3 + a_5 + a_8 = 11$ and $a_4 + a_2 = -2$, then the value of $a_1 + a_6 + a_7$ is : (A) – 8 **(B)** 5 (C) 7 **(D)** 9 Let a_1, a_2, a_3, \dots in A.P., then a_p, a_q, a_r are in A.P. if p, q, r are in : 59. **(B)** G.P. **(A)** A.P. (C) H.P. **(D)** None of these If |a| < 1 and |b| < 1, then the sum of the series $1 + (1+a)b + (1+a+a^2)b^2 + (1+a+a^2+a^3)b^3 + ...$ is: 60. (A) $\frac{1}{(1-a)(1-b)}$ (B) $\frac{1}{(1-a)(1-ab)}$ (C) $\frac{1}{(1-b)(1-ab)}$ (D) $\frac{1}{(1-a)(1-b)(1-ab)}$

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If the sets A and B are defined as $A = \{(x, y) : y = e^x, x \in R\}$; $B = \{(x, y) : y = x, x \in R\}$, then : 61. $A \subset B$ (C) $A \cap B = \emptyset$ **(B)** (D) $A \cup B = A$ (A) $B \subseteq A$ If $|z_1| = |z_2|$ and arg $(z_1 / z_2) = \pi$, then $z_1 + z_2$ is equal to : 62. **(A)** purely imaginary **(C)** purely real **(D)** None of these If k > 0, |z| = |w| = k and $\alpha = \frac{z - w}{k^2 + zw}$, then Re(α) equals : 63. (A) **(C)** 0 **(B)** k/2k **(D)** None of these If α , β are the roots of the equation $u^2 - 2u + 2 = 0$ and if $\cot \theta = x + 1$, 64. then $\left[(x + \alpha)^n - (x + \beta)^n \right] / [\alpha - \beta]$ is equal to : $\frac{\sin n\theta}{\sin^n \theta} \qquad (B) \qquad \frac{\cos n\theta}{\cos^n \theta} \qquad (C) \qquad \frac{\sin n\theta}{\cos^n \theta}$ $\cos n\theta$ **(D) (A)** $\sin^n \theta$ The greatest positive argument of complex number satisfying $|z-4| = \operatorname{Re}(z)$ is : 65. (B) $\frac{2\pi}{3}$ (C) $\frac{\pi}{2}$ (D) $\frac{\pi}{4}$ (B) $\frac{\pi}{4}$ (C) $\frac{\pi}{4}$ **(A)** Let a be a complex number such that |a| < 1 and $z_1, z_2, z_3, ...$ be the vertices of a polygon such that 66. $z_{k} = 1 + a + a^{2} + \dots + a^{k-1} \text{ for all } k = 1, 2, 3, \dots \text{ Then } z_{1}, z_{2}, \dots \text{ lie within the circle :}$ (A) $\left| z - \frac{1}{1-a} \right| = \frac{1}{|a-1|}$ (B) $\left| z + \frac{1}{1+a} \right| = \frac{1}{|a+1|}$ (C) $\left| z - \frac{1}{1-a} \right| = |a-1|$ (D) $\left| z + \frac{1}{a+1} \right| = |a+1|$ Let $a \neq 0$ and p(x) be a polynomial of degree greater than 2. If p(x) leaves remainders a and -a when 67. divided respectively, by x + a and x - a, the remainder when p(x) is divided by $x^2 - a^2$ is: **(B)** -2x**(A)** 2x**(C)** x **(D)** If α and β are roots of the equation $ax^2 + bx + c = 0$, then the roots of the equation 68. $a(2x+1)^2 - b(2x+1)(3-x) + c(3-x)^2 = 0$ are: (A) $\frac{2\alpha+1}{\alpha-3}, \frac{2\beta+1}{\beta-3}$ (B) $\frac{3\alpha+1}{\alpha-2}, \frac{3\beta+1}{\beta-2}$ (C) $\frac{2\alpha-1}{\alpha-2}, \frac{2\beta+1}{\beta-2}$ (D) None of these If α,β are the roots of $ax^2 + bx + c = 0$ and $\alpha + h, \beta + h$ are the roots of $px^2 + qx + r = 0$, then h = 069. (A) $-\frac{1}{2}\left(\frac{a}{b}-\frac{p}{a}\right)$ (B) $\left(\frac{b}{a}-\frac{q}{p}\right)$ (C) $\frac{1}{2}\left(\frac{b}{a}-\frac{q}{p}\right)$ **(D)** None of these 70. If roots of $x^2 - (a-3)x + a = 0$ are such that at least one of them is greater than 2, then : $a \in [7,9]$ (B) $a \in [7,\infty)$ (C) $a \in [9,\infty)$ $a \in [7,9)$ (A) **(D)**

of

- 71. In triangle ABC, and $\tan A \tan B = 2$, $\tan A + \tan B + \tan C = 6$ then the values tan A, tan B, tan C are : **(B)** 3, $\frac{2}{3}$, $\frac{7}{3}$ **(C)** 4, $\frac{1}{2}$, $\frac{3}{2}$ **(A)** 1, 2, 3 **(D)** None of these The value of the expression $\frac{2(\sin 1^\circ + \sin 2^\circ + \sin 3^\circ + ... + \sin 89^\circ)}{2(\cos 1^\circ + \cos 2^\circ + ... + \cos 44^\circ) + 1}$ equals : 72. $1/\sqrt{2}$ (A) $\sqrt{2}$ **(B)** 1/2**(C) (D)** 1 The value of $\sin^2 \frac{\pi}{8} + \sin^2 \frac{3\pi}{8} + \sin^2 \frac{5\pi}{8} + \sin^2 \frac{7\pi}{8}$ is : 73. (C) $1\frac{1}{8}$ $2\frac{1}{8}$ **(B)** 2 (A) 1 **(D)** Let $y = (\sin x + \csc x)^2 + (\cos x + \sec x)^2$ then the minimum value $y, \forall \in R$, is : 74. **(B)** (A) 7 3 **(C)** 9 **(D)** 0 75. Out of 800 boys in a school, 224 played cricket, 240 played hockey and 336 played basketball. Of the total, 64 played both basketball and hockey; 80 played cricket and basketball and 40 played cricket
 - and 2 and not play any (D) 0.160 and hockey; 24 played all the three games. The number of boys who did not play any game is : 128 (A)

10



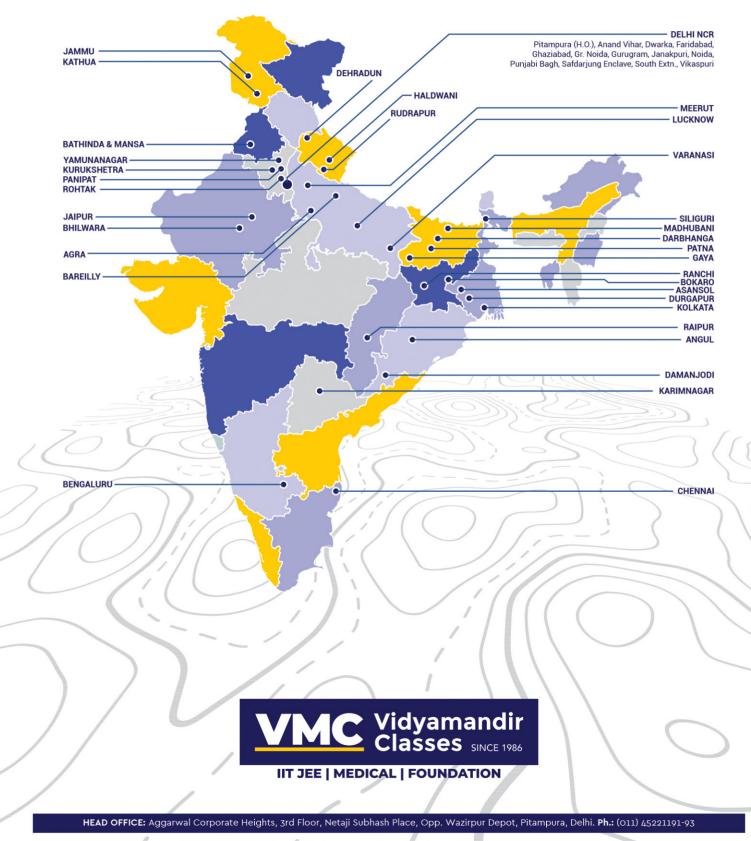
PART - I CHEMISTRY												
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11	12	13	14	15	16	17	18	19	20			
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21		22		23		24		25				
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PART - II PHYSICS SINCE												
26	27	28	29	30	31	325	33	34	35			
A	С	D	В	В	A	A	A	С	С			
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4	Ą	А		D		С		D				
PART - III MATHEMATICS												
51	52	53	54	55	56	57	58	59	60			
Α	А	В	С	D	D	D	С	А	С			
61	62	63	64	65	66	67	68	69	70			
С	А	А	А	D	А	D	В	С	С			
7	1	72		73		74		75				
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Answers to Sample Paper | 1 Year

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