Competishun

52/6, Opposite Metro Mas Hospital, Shipra Path, Mansarovar

Date: 22/04/2024

Time: 3 hours Max. Marks: 300

PRAVEEN-2 (24-25)_MCT-1

Physics

Single Choice Question

- A particle is moving with a velocity $\vec{v} = K(y\hat{i} + x\hat{j})$, where K is a constant. The general equation for its path is
 - a) $y^2 = x + constant$ b) $y = x^2 + constant$ c) $y^2 = x^2 + constant$ d) xy = constant
- A spaceship in space sweeps stationary interplanetary dust. As a result, its mass increases at a rate $\frac{dM(t)}{dt} = bv^2(t)$, where v(t) is its instantaneous velocity. The instantaneous acceleration of the satellite is
 - $a) -bv^3(t)$

 $-\frac{2bv^3}{M(t)}$

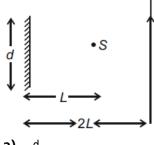
 $-\frac{bv^3}{M(t)}$

- $\mathbf{d)} \quad -\frac{bv^3}{2M(t)}$
- The relation between time t and distance x for a moving body is given as $t = mx^2 + nx$, where m and n are constants. The retardation of the motion is : (when v stands for velocity)
 - a) 2 mv^3

b) 2 mnv^3

c) 2 nv^3

- **d)** $2n^2v^3$
- A vehicle travels 4 km with speed of 3 km/h and another 4 km with speed of 5 km/h, then its average speed is:
 - a) 4.25 km/h
- **b)** 3.50 km/h
- c) 4.00 km/h
- d) 3.75 km/h
- A point source of light, S is placed at a distance L in front of the centre of plane mirror of width d which is hanging vertically on a wall. A man walks in front of the mirror along a line parallel to the mirror, at a distance 2L as shown below. The distance over which the man can see the image of the light source in the mirror is



 $\mathbf{a)} \quad \frac{d}{2}$

b) 3d

c) 2d

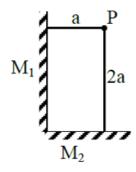
d) d

- A body is projected vertically downwards from A, the top of the tower reaches the ground in t₁ seconds. If it is projected upwards with same velocity it reaches the ground in t₂ seconds. At what time it will reach the ground if it is dropped from A.
 - a) $\sqrt{t_1^3/t_2}$

b) $\sqrt{t_2^3/t_1}$

c) $\sqrt{t_1 t_2}$

- **d)** $t_1 t_2$
- Two plane mirrors M_1 and M_2 are at right angle to each other shown. A point source 'P' is placed at 'a' and '2a' meter away from M_1 and M_2 respectively. The shortest distance between the images thus formed is : (Take $\sqrt{5}$ = 2.3)



a) 3a

b) 2 a

c) 2.3 a

- **d)** $2\sqrt{10}$ a
- Two stones are projected simultaneously from a tower at different angles of projection with same speed 'u'. The distance between two stones is increasing at constant rate 'u'. Then the angle between the initial velocity vectors of the two stones is:
 - a) 30°

b) 60°

c) 90°

- **d)** 45°
- Two trains 'A' and 'B' of length 'l' and '4l' are travelling into a tunnel of length 'L' in parallel tracks from opposite directions with velocities 108 km/h and 72 km/h, respectively. If train 'A' takes 35s less time than train 'B' to cross the tunnel then, length 'L' of tunnel is: (Given L = 60 l)
 - a) 1200 m
- **b)** 2700 m
- c) 1800 m
- **d)** 900 m
- A person's eye is at a height of 1.5 m. He stands infront of a 0.3m long plane mirror which is 0.8 m above the ground. The length of the image he sees of himself is:
 - a) 1.5m

b) 1.0m

c) 0.8m

- **d)** 0.6m
- Q11 If the distance between object and its two times magnified virtual image produced by a curved mirror is 15 cm, the focal length of the mirror must be:
 - a) 15 cm
- **b)** -12 cm
- c) -10 cm
- d) 10/3 cm
- A ball is rolled off the edge of a horizontal table at a speed of 4 m/s. It hits the ground after 0.4 sec. Which statement given bellow is true?
 - a) It hits the ground at a horizontal distance 1.6 m from the edge of the table
 - **b)** The speed with which it hits the ground is 4.0 m/s
 - c) Height of the table is 0.9 m
 - d) It hits the ground at an angle of 60° to the horizontal

Train A and train B are running on parallel tracks in the opposite directions with speeds of 36 km/hour and 72 km/hour, respectively. A person is walking in train A in the direction opposite to its motion with a speed of 1.8 km/ hour. Speed (in ms⁻¹) of this person as observed from train B will be close to: (take the distance between the tracks as negligible)

a) 30.5 ms^{-1}

- **b)** 29.5 ms^{-1} **c)** 31.5 ms^{-1}

- Q14 A bullet of mass 20 g has an initial speed of 1ms⁻¹, just before it starts penetrating a mud wall of thickness 20 cm. If the wall offers a mean resistance of 2.5×10^{-2} N, the speed of the bullet after emerging from the other side of the wall is close to:

a) 0.4 ms^{-1}

- **b)** 0.7 ms^{-1}

- Q15 To a stationary man, rain appears to be falling at an angle 30° with the vertical. As he starts moving with a speed of 0.5 m/s he finds that the rain is falling vertically. Then the speed of rain w.r.t. the moving man is:

a) 0.5 m/s

- **b)** 1 m/s
- c) $0.5\sqrt{3}$ m/s
- d) $\sqrt{3}$ m/s
- Q16 A particle is moving in x-y-plane at 2 m/s along x-axis. 2 seconds later, its velocity is 4 m/s in a direction making 60° with positive x-axis. Find average acceleration (in m/s²) for this period of motion.

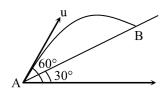
a) $\sqrt{5}$ m/s², along y-axis

- **b)** $\sqrt{3}$ m/s², along y-axis
- c) $\sqrt{5}$ m/s², along at 60° with positive x-axis
- d) 3m/s^2 , at 60° with positive x-axis.
- Q17 Raindrops are falling vertically with a velocity 10m/s. To a cyclist moving on a straight road the rain drops appear to be coming with a velocity of 20m/s. The velocity of cyclist is :-

a) 10 m/s

- **b)** $10 \sqrt{3} \text{ m/s}$
- c) 20 m/s
- d) $20\sqrt{3}$ m/s
- Q18 A body is thrown up in a lift with a velocity u relative to the lift and the time of flight is found to be 't'. The acceleration with which the lift is moving up will be-

- Q19 Time taken by the projectile to reach A to B is t. Then the distance AB is equal to –

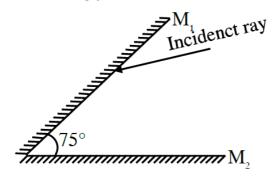


- $\mathbf{b)} \quad \underline{\sqrt{3}ut}$
- c) $\sqrt{3}ut$

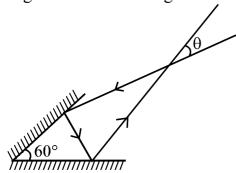
- **d)** 2 ut
- Q20 When a number of objects, all of different mass, are dropped, the acceleration of each objects –
 - a) is constant and same for each object if air resistance is neglected
 - b) is not constant and different for each object if air resistance is taken into account
 - c) is constant and different for each object if air resistance is neglected
 - d) is constant and same for each object if air resistance is taken into account

Numerical

A light ray is incident, at an incident angle θ_1 , on the system of two plane mirrors M_1 and M_2 having an inclination angle 75° between them (as shown in figure). After reflecting from mirror M_1 it gets reflected back by the mirror M_2 with an angle of reflection 30°. The total deviation of the ray will be degree.

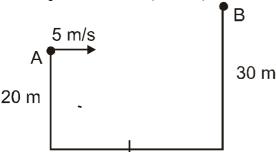


- A projectile is thrown with speed u making angle θ with horizontal at t =0. It just crosses the two points at equal height at time t = 1 s and t = 3sec respectively. Calculate maximum height (in m) attained by it. (g=10m/s²)
- A light ray is incident on a plane mirror, which after getting reflected strikes another plane mirror, as shown in figure. The angle between the two mirrors is 60° . Find the angle ' θ ' shown in figure.

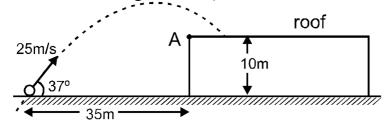


- Two particles A and B move in x-y plane such that both have constant acceleration $\vec{a}_A = -10 \ \hat{j} \text{ m/s}^2$ and $\vec{a}_B = -5 \ \hat{j} \text{m/s}^2$ respectively. The velocities of particles at t = 0 are $\vec{u}_A = -5 \ \hat{i} + 20 \ \hat{j}$ m/s and $\vec{u}_B = 2.5 \ \hat{i} + 10 \ \hat{j}$ m/s. At time t = 0, particle A is at origin and particle B is at point having coordinates (5 meters, 0). Find the instant of time in seconds at which angle between velocity of A and velocity of B is 180°.
- An ant starts from point 'O' and moves 50m due east, then it turns clockwise and covers 50m along 30° south of east, then again turns clockwise by 30° and covers 50m and deviates clockwise by 30° each time after it covers a distance of 50m until it returns to its original position. If the total distance traveled (in meters) by ant to reach the initial point 'O' is 100 X. Find the value of X.

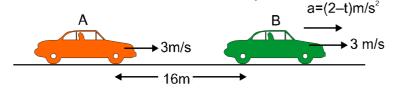
A particle in projected from point A horizontally with speed 5 m/s from height 20 m. At the same time another particle from B at a height 30 m is projected such that two meet on the ground at exactly midpoint between the two bases. There find the velocity of the particle at B (in m/s) in nearest integer. (Take $g = 10 \text{ m/s}^2$)



- A stone is thrown from the top of a tower at an angle of 30° up with the horizontal with a velocity of 16 m/s. After 4 sec. of flight it strikes the ground. Let the height of tower is H.meter. Then the value of $\frac{H}{12}$ is: (g = 10 m/s)
- A ball is at 35 m horizontal distance from the foot of 10m high building as shown in figure. The ball is projected with a velocity of 25 m/s at an angle of 37° with horizontal. At how much distance (in meters) from the corner point A, will the ball hit the roof? (Assume that roof is sufficiently large so that ball lands on it. Neglect air resistance, take g=10 m/s²)



Two cars A and B are moving on two horizontal parallel straight tracks. At t = 0, velocity of both the cars is 3m/s. Acceleration of car A is zero while car B is accelerating with variable acceleration of $(2 - t) m/s^2$ (where t is time). In first 6 sec., maximum separation between cars is $\frac{8x}{3}$ m then value of x is [neglect length and width of cars and tracks are very close to each other]



A car accelerates from rest at a constant rate of 2 m/s² for some time. Then, it retards at a constant rate of 4 m/s² and finally comes to rest. Car remains in motion for 3 seconds. If the maximum speed (in m/s) attained by the car during the motion is 'n' m/s, then find the value of 'n'.

Chemistry

Single Choice Question

Q31	The density of 3 molaris.	l solution of NaOH is 1	.110 g ml $^{-1}$. The mola	arity of the solution			
	a) 2.97	b) 3.48	c) 2.18	d) 1.75			
Q32	If the density of methanol is 0.80 kg L^{-1} . What is the volume needed for making $2.5 \text{ of its } 0.25 \text{ M}$ solution?						
	a) 26 ml	b) 27.3 ml	c) 25.0 ml	d) 33.3 ml			
Q33		g set of quantum numb	_	0 1			
	a) $n = 0, \ \ell = 0, \ m_{\ell} = 0$	4		$m_{\ell} = 0 \text{ m}_{s} = -\frac{1}{2}$			
	c) $n = 1, \ell = 1, m_{\ell} =$	$0 \text{ m}_{\text{s}} = +\frac{1}{2}$	a) $n = 3, \ell = 3$	$m_{\ell} = -3 \text{ m}_{\text{s}} = +\frac{1}{2}$			
Q34	A gaseous hydrocarbo empirical formula of t	n gives 0.72 g of H ₂ O a he hydrocarbon is :	and 3.08 gm of CO ₂ o	n combustion. The			
	a) C_6H_5	b) C_7H_8	c) C_2H_4	d) C_3H_4			
Q35	Which of the following is independent of temperature? (a) Molality (b) Molarity (c) Mole fraction (d) weight percentage a) (a) and (b) b) (a), (b) and (c) c) (a), (c) and (d) d) (b), (c) and (d)						
Q36	excess and how much?						
	a) Mg 0.16 gm	b) O_2 , 0.16 gm	c) Mg, 0.44 gm	d) O_2 , 0.28 gm			
Q37	Chlorophyll contains 2 atoms in 2 gm of chlor	2.70% of magnesium by rophyll is :	weight. The number	of magnesium			
		b) 2.86×10^{21}	c) 3.35×10^{19}	d) 6.023×10^{23}			
Q38	The unbalanced equation for the reaction of P_4S_3 with nitrate in aqueous acidic medium is given below. $P_4S_3 + NO_3^- \rightarrow H_3PO_4 + SO_4^{2-} + NO$ The number of mole of water required per mol of P_4S_3 is :						
	a) 18	b) 8/3	c) 8	d) none of these			
Q39		n be burnt completely b on of 49 gm KClO ₃ is: l + 3O ₂	y the oxygen gas pro	duced from			
	$C_2H_4 + 3O_2 \Delta 2$	$CO_2 + 2H_2O$					
	a) 11.2 g	b) 5.6 g	c) 2.8 g	d) 22.4 g			

- Q40 The mass of CO₂ that must be mixed with 20 gm of oxygen such that 1L of a sample of the resulting mixture would contain equal number of molecules of each gas:
 - a) 13.75 gm
- **b)** 27.50 gm
- c) 41.25 gm
- **d)** 55 gm
- **Q41** 500 mL, 0.2 M Na₂SO₄ solution is mixed with 100 mL, 17.1% (w/v) Al₂ (SO₄)₃ solution and resulting solution is diluted to 5 times. Find the molarity of SO_4^{-2} ions in the final solution.

[Atomic mass of A1 = 27, S = 32, Na = 23]

a)

1	М
12	171

b)

$$\frac{5}{12}$$
 M

- c)
 - $\frac{7}{5}$ M
- d)

$$\frac{12}{5}$$
 M

Q42 When the equation

 $\operatorname{Sn}^{2+}(\operatorname{aq}) + \operatorname{IO}_3^{-}(\operatorname{aq}) + \operatorname{H}^+(\operatorname{aq}) \longrightarrow \operatorname{Sn}^{4+}(\operatorname{aq}) + \operatorname{I}_2(\operatorname{aq}) + \operatorname{H}_2\operatorname{O}(1)$ is balanced, what is the $\operatorname{Sn}^{2+}(\operatorname{aq})/\operatorname{IO}_3^{-}(\operatorname{aq})$ mole ratio?

a)

 $\frac{1}{1}$

b)

<u>2</u>

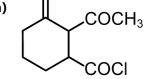
- c)
- $\frac{1}{2}$

- d)
- When 400 g of a 20% solution by weight was cooled 50 gm of solute precipitated. The percentage concentration of remaining solution is:
 - a) 8.57%

b) 9.5%

c) 15%

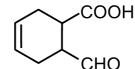
- **d)** 12.25%
- Which of the following compounds do not have degree of unsaturation equal to benzene?
 - a)



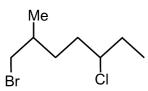
b)



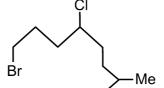
c)



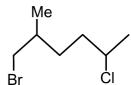
- 1) //
- Q45 Which is the correct structure for 1-Bromo-5-chloro-2-methylheptane?
 - a)



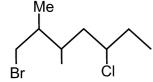
b)



c)



d)



Q46

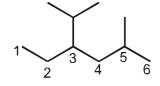
The correct IUPAC name for

- H₃C–CH—CH–CH₃ | | i C₂H₅ C₂H₅
- a) 2-ethyl methylpentane
- **b)** 3,4-dimethylhexane
- c) 2,3-diethylbutane

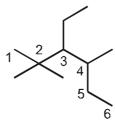
- d) 2,3-dimethylbutane
- Q47 C₅H₁₂ has a symmetrical structure with one quaternary carbon. Its name is:
 - a) n-pentane
- **b)** 2-methylbutane
- c) 2, 2-dimethylpropane
- d) 1-methylbutane

Q48 In which of the following option correct parent chain has been selected with correct numbering:

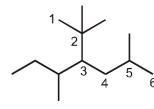
a)



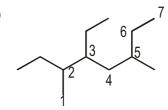
b)



C)



d)



- Q49 A primary amine has amino(-NH₂) group attached to :
 - a) A primary carbon atom only

b) A secondary carbon atom only

- c) A tertiary carbon atom only
- d) Primary, secondary, tertiary carbon atoms
- Which of the following compound have same number of carbons in their parent carbon chain
 - a) n-propyl alcohol & isopropyl alcohol
- **b)** n-butyl alcohol & isobutyl alcohol
- c) n-butyl alcohol & ter.butyl alcohol

d) All of these

Numerical

- The subshell that arise after 'f' subshell is called 'g' subshell. What is the total number of orbitals in the orbit in which 'g' subshell first occur?
- **Q52** 20 mL of $0.2M \text{ Al}_2(SO_4)_3$ is mixed with 30 mL of $0.6M \text{ BaCl}_2$. How many milli moles of $BaSO_4$ are formed in solution? $BaCl_2 + Al_2(SO_4)_3 \longrightarrow BaSO_4 + AlCl_3$
- **Q53** FeSO₄ undergoes decomposition as $2\text{FeSO}_4(s) \longrightarrow \text{Fe}_2\text{O}_3(s) + \text{SO}_2(g) + \text{SO}_3(g)$ At high temperature, If (7.6 gm) FeSO₄ is taken then: The average molar mass of the gaseous mixture (which is obtain after reaction):
- Q54 Give the value of degree of unsaturation for given compound : $C_{12}H_{17}ClF_2N_2O_4$
- The number of substituents are present on parent chain of given compound CH₂-CH₃
 CH₃-C-CH(CH₃)₂
 CH₂-CH₂-CH₃
- Q56 The sum of oxidation state of the metals in Fe(CO)₅, VO²⁺ and WO₃ is _____

- A protein 'A' contains 0.30% of glycine (molecular weight 75). The minimum molar mass of the protein 'A' is $\times 10^3$ g mol⁻¹ [nearest integer]
- The molarity of the solution prepared by dissolving 6.3 g of oxalic acid $(H_2C_2O_4.2H_2O)$ in 250 mL of water in mol L^{-1} is $x \times 10^{-2}$. The value of x is _____. (Nearest integer) [Atomic mass : H : 1.0, C : 12.0, O : 16.0]
- Number of hydrogen atoms per molecule of a hydrocarbon A having 85.8% carbon is $\overline{\text{(Given : Molar mass of A = 84 g mol^{-1})}}$
- When 800 mL of 0.5 M nitric acid is heated in a beaker, its volume is reduced to half and 11.5 g of nitric acid is evaporated. The molarity of the remaining nitric acid solution is $x \times 10^{-2}$ M. (Nearest Integer) (Molar mass of nitric acid is 63 g mol⁻¹)

Mathematics

Single Choice Question

Q61	the following sta	x +1 < 2} and B = {x atements is NOT true?)		
Q62		en $\log_6 16$ is equal to b) $3\left(\frac{3-a}{3+a}\right)$	c) $4\left(\frac{3-a}{3+a}\right)$	d) $5\left(\frac{3-a}{3+a}\right)$
Q63		$\log_{49}28$ is equal to- b) $\frac{1+2k}{2}$	c) $\frac{1+2k}{3}$	d) None of these
Q64	_	$\log (x^2 + 2x) - \log \sqrt{x + 2x}$ b) $x = -2$		d) None
Q65	log ₄ 18 is- a) rational	b) irrational	c) prime	d) composite
Q66	Solution of the in	equation $\log_{0.1} \Bigl(log_2 rac{x^2}{ x^2 }$	$\left(\frac{+1}{-1}\right) < 0$ contains the in	nterval
	a) $(1, \infty)$	b) $(-\infty, 1)$	c) $[1, \infty)$	d) none of these
Q67	The solution set of a) $(-\infty, -2) \cup$	of the inequality $\log_{1/3}$ (x $(1, +\infty)$ b) $[-1, +\infty]$	$(2^2 + x + 1) + 1 > 0$ is - 2] c) $(-2, 1)$	d) $(-\infty,+\infty)$
Q68	The solution set of $\left(\frac{1}{2},1\right)$	of the inequality $\log(\cos x)$ b) $(-\infty, 1)$	$\log (3-2x) < \log_{(\cos x)^2} (1-2x) < \log_{(\cos x)^2} (1-2x)$	(2x-1) is - $(2x-1) - \sqrt{2n\pi} \ \forall n \in \mathbb{N}$
Q69		equality $(e^x-1)(2x-3)(x^2+x^2+x^2+x^2+x^2+x^2+x^2+x^2+x^2+x^2+$) d) $R = \{0, -1\}$
	- 2	$(-\infty, -1) \cup \left[\frac{3}{2}, \infty\right)$	$(-1,0)\cup \lfloor \frac{\pi}{2},\infty$) u , k (0, 1)
Q70	If $3 < x < 6$, the a) $(-6, -3) \cup (3, -2)$	en x belongs to : 6) b) $(-6, 6)$	c) $(-3, -3) \cup (3, 6)$	d) none of these
071	A survey shows	that 73% of the person	ns working in an offic	e like coffee.

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whereas 65% like tea. If x denotes the percentage of them, who like both

Q72 Set A has m elements and Set B has n elements. If the total number of subsets of A is

112 more than the total number of subsets of B, then the value of m⋅n is

c) 38

c) 27

d) 54

d) 28

coffee and tea, then x cannot be:

a) 25

- Q73 Let $S = \{1, 2, 3, ..., 100\}$. The number of non-empty subsets A of S such that the product of elements in A is even is
 - a) $2^{100} 1$ b) $2^{50} + 1$
- c) $2^{50}(2^{50}-1)$
- d) $2^{50} 1$
- Two newspapers A and B are published in a city. It is known that 25% of the city population reads A and 20% reads B while 8% reads both A and B. Further, 30% of those who read A but not B look into advertisements and 40% of those who read B but not A also look into advertisements, while 50% of those who read both A and B look into advertisements. Then the percentage of the population who look into advertisements is:
 - a) 13.9

b) 13

c) 12.8

d) 13.5

- The value of $3 + \frac{1}{4 + \frac{1}{3 + \frac{1}{4 + \frac{1}{3 + \infty}}}}$ is equal to **Q75**
 - **a)** $1.5 + \sqrt{3}$

- c) $3 + 2\sqrt{3}$
- **d)** $4 + \sqrt{3}$

- **Q76** If $A = \{x \in R : |x| < 2\}$ and $B = \{x \in R : |x-2| \ge 3\}$; then
- a) A B = [-1, 2] b) $A \cup B = R (2, 5)$ c) B A = R (-2, 5)
- d) $A \cap B = (-2, -1)$
- Set of all real values of 'a' such that $f(x) = \frac{(2a-1)x^2+2(a+1)x+(2a-1)}{x^2-2x+40}$ is always negative
 - a) $(-\infty, 0)$
- b) $(0, \infty)$
- c) $(-\infty, 1/2)$
- d) None
- **Q78** The values of x for which $\frac{x^2-4x+3}{x^2+x+1} < 0$ is : a) $x \in (-\infty, 1) \cup (3, \infty)$ b) $x \in (1, 3)$ c) x > 3 d) x < 1

- **Q79** The inequality $\sqrt{x+2} \ge x$ is satisfied if

- a) -2 < x < 2 b) -3 < x < 2 c) -4 < x < 2 d) None of these
- **Q80** If a > 1 then the roots of the equation $(1-a)x^2 + 3ax 1 = 0$ are
 - a) one positive and one negative b) both negative c) both positive

d) both non real complex

Numerical

- **Q81** If no. of zeroes after decimal in $(0.15)^{20}$ is ab. Find b a. (assume log 2 = 0.3010, log 3 = 0.4771
- **Q82** If $a = \log_{12} 18 \& b = \log_{24} 54$ then find the value of ab + 5 (a b)
- **Q83** The number of solutions of the equation $\log_4(x-1) = \log_2(x-3)$ is

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- Q84 Let $X = \{n \in N : 1 \le n \le 50\}$. If $A = \{n \in X : n \text{ is a multiple of } 2\}$ and $B = \{n \in X : n \text{ is a multiple of } 7\}$, then the number of elements in the smallest subset of X containing both A and B is
- **Q85** The number of integral solutions x of $\log_{\left(x+\frac{7}{2}\right)} \left(\frac{x-7}{2x-3}\right)^2 \ge 0$ is
- **Q86** If A = $\log_2 \log_2 \log_4 256 + 2\log_{\sqrt{2}} 2$ then A is equal to
- **Q87** Number of integral solutions of $\frac{x+2}{x^2+1} > \frac{1}{2}$ is:
- **Q88** The number of real roots of the equation x|x|-5|x+2|+6=0, is
- **Q89** The number of real roots of the equation $\sqrt{x^2-4x+3} + \sqrt{x^2-9} = \sqrt{4x^2-14x+6}$ is:
- A survey shows that 63% of the people in a city read newspaper A whereas 76% read newspaper B. If x% of the people read both the newspapers, then a possible value of x can be:

Answer Key

Que.	1	2	3	4	5	6	7	8	9	10
Ans.	С	С	Α	D	В	С	В	В	С	D
Que.	11	12	13	14	15	16	17	18	19	20
Ans.	C	Α	В	В	С	В	В	C	Α	A
Que.	21	22	23	24	25	26	27	28	29	30
Ans.	210	20	60	2	6	7	4	5	8	4
Que.	31	32	33	34	35	36	37	38	39	40
Ans.	Α	С	В	В	С	Α	Α	В	В	В
Que.	41	42	43	44	45	46	47	48	49	50
Ans.	Α	D	Α	D	Α	В	С	В	D	A
Que.	51	52	53	54	55	56	57	58	59	60
Ans.	25	12	72	4	3	10	25	20	12	54
Que.	61	62	63	64	65	66	67	68	69	70
Ans.	В	С	В	Α	В	Α	С	Α	В	Α
Que.	71	72	73	74	75	76	77	78	79	80
Ans.	В	D	С	Α	Α	С	Α	В	Α	С
Que.	81	82	83	84	85	86	87	88	89	90
Ans.	5	1	1	29	6	5	3	3	1	55