# **EMINENT TUTORIALS**

### **Class-x**

### MATHEMATICS PAPER

# PAPER NO. 1

### Add. Opp. Deep Palace, Rania

#### **Time Allowed : 3 Hours**

Maximum Marks : 80

#### **General Instructions :**

- 1. This question paper contains two parts A and B.
- 2. Both Part A and Part B have internal choices.

#### Part – A consists 20 questions

- 1. It consists three sections- I and II.
- 2. Section I has 16 questions of 1 mark each. Internal choice is provided in 5 questions.
- 3. Section II has 4 questions on case study. Each case study has 5 case-based sub-parts. An
- examinee is to attempt any 4 out of 5 sub-parts.

#### Part – B: consists 16 questions.

- 1. Question No 21 to 26 are Very short answer Type questions of 2 mark each,
- 2. Question No 27 to 33 are Short Answer Type questions of 3 marks each
- 3. Question No 34 to 36 are Long Answer Type questions of 5 marks each.

4. Internal choice is provided in 3 questions of 1 marks, 3 questions of 2 marks, 4 questions of 3 marks and 2 question of 5 marks.

Sr.	PART-A	<u>Marks</u>
No.		
	SECTION-1	
	Section-I has 16 questions of 1 mark each. Internal choice is provided in 5 questions.	
1.	Write down the discriminant of the quadratic equation of $x^2 + 4x + q = 0$ .	<u>1</u>
2.	<ul> <li>(i) The L.C.M. of x and 18 is 36.</li> <li>(ii) The H.C.F. of x and 18 is 2. What is the number x?</li> </ul>	<u>1</u>
3.	For what value of k, the roots of equation $3x^2 - 10x + k = 0$ are reciprocal of each other?	
	OR If $k + 1 = Sec^2\theta(1 - Sin\theta)(1 + Sin\theta)$ , then find the value of k.	<u>1</u>
4.	Find the value of k so that the following system of equations has no solution: 3x - y - 5 = 0, $6x - 2y + k = 0$	
	$OR$ Solve: $4x^2 + 5x = 0$ .	1
5.	The highest power of a variable in a polynomial is called its	1
6.	For the AP 0.6,1.7,2.8,3.9,write the first term and the common difference.	<u>1</u>
7.	Find the distance of a point $(x, y)$ from the origin.	<u>1</u>

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0	DO is a tax part drawn from an automal a sint D to a single	1				
8.	PQ is a tangent drawn from an external point P to a circle					
	with centre O, QOR is the diameter of the circle. If $<$					
	$POQ = 120^{\circ}$ , what is the measure of OPQ?					
9.	Someone is asked to make a number from 1 to 100. The probability that it is a	<u>1</u>				
	prime is OR					
	Two dice are thrown at random .What is the probability of getting the sum of					
10.	numbers obtained as 9?If the heights of two cylinders are equal and their radii are in the ratio of 7 : 5,	1				
10.	then the ratio of their volumes is	<u>1</u>				
11.		1				
	If the $n^{th}$ term of an A.P1,4,9,14is 129. Find the value of $n$ .	1				
12.	If the distance between the points $(4, p)$ and $(1,0)$ is 5, then find the value of $p$					
13.	If the angle between two radii of a circle is 130°, then what is the angle between					
	the tangents at the end points of radii at their point of intersection?					
14.	If the circumference of a circle is 44 cm, then what will we be the area of circle?					
15.	What is ratio of total sphere area of hemisphere to square of the radius?					
16.	What is the length of the tangent drawn from a point 8 cm away from the centre					
	of a circle of radius 6 cm ?					
	SECTION-II					
	Case study-based question are compulsory. Attempt any 4 sub parts from each	1				
	question. Each question carries 1 mark.					
17.	Case Study:-1	<u>4</u>				
	Ajay, Bhigu and Colin are friend since					
	childhood. They always went to sit in a					
	row in the classroom. But teacher does					
	not allow them and rotate the seats row-					
	wise everyday. Bhigu is very good in					
	everyday. He consider the centre of class as origin and marks their position on a					
	as origin and marks their position on a paper in a co-ordinate system. One day					
	Bhigu make the following diagram of their					
	seating position.					

	(:) \A/h at any a	diantes of a stat AD						
	(i) What are coordinates of point A? (a) (2,2) (b) (2,-2) (c) (-2,2) (d) (-2,-2)							
	(a) (2,2) (b) (2,-2) (c) (-2,2) (d) (-2,-2) (ii) What is distance of point A from origin?							
		· _	-	$(1) \sqrt{2}$				
	(a) 8	(b) $2\sqrt{2}$	(c) 4	(d) 4√2				
		istance between A and						
	(a) 3√19		(c) √17	(d) 2√5				
	(iv) What is the distance between B and C?							
	(a) 3√19	· · ·	(c)2√17	(d) 2√5				
		on the line segment be		d B such that				
		. What are the coordin	•					
	(a) $\left(\left(\frac{10}{7}, \frac{2}{7}\right)\right)$	(b) $\left(\frac{2}{7}, \frac{7}{7}\right)$	(c) $\left(-\frac{10}{7},-\frac{2}{7}\right)$	(d) $\left(\frac{-2}{7}, \frac{-7}{7}\right)$				
18.	Case Study:-2	)			<u>4</u>			
	An engineer plans	s to make all the pillar	s of the Metro gree	n with plants to make				
	these beautiful ar	nd to contribute for he	althy environment	as shown in the				
	picture. Observe	the picture and answe	r the questions if d	imension of one pillar				
	is 1.5 m X 1.5 m X	. 20 m.						
			STATES OF THE OWNER WAS INCOME.					
	(i) The shape of t							
		b) Cube	•	d) Cylinder				
		n formula he can calcu		ea of the pillar?				
	a) $A = 2(lb - 2)(lb $		b) $A = 2(lb + hl)$	, ,				
	c) $A = 2h(l - l)$		d) $A = lb + bh +$	กเ				
		rface area of one pilla						
	a) 100 <i>m</i> <sup>2</sup>	•	c) 165 <i>m</i> <sup>2</sup>	d) 82.5 $m^2$				
		ment is used to fill the						
	a) 44 m <sup>3</sup>	b) 45 $m^3$	c) $450 m^{3}$	$d \sqrt{1/10} m^3$				
			•	d) 440 $m^3$				
	(v) Find the cost of a) Rs.6225	of the plantation if it co b) Rs. 6000	•	d) 440 m				

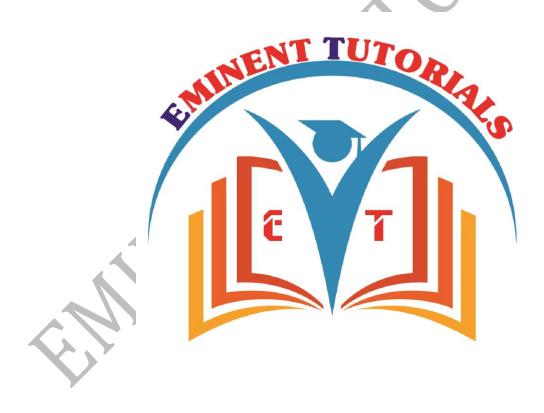
	Case Stu	udy:-3						<u>4</u>
	A park has swings made of rubber and iron chain. Sachin who is studying in class							
	-	ticed that this				-	-	
				-				
	Following questions raised in his mind. Answer the questions by observing both pictures :							
		0	y .			Line of Sy	mmetry	
	(i) Name the shape in which the wire is bent.							
	a) Spiral	ny zeroes are th	b) ellipse here for the po	c) line lynomial (sha		d) Paral	501a	
	a) 2	-	3	c) 1	ipe of the wre	d) 0		
	(iii) The zeroes of the polynomial are							
	(iii) The zer	oes of the polyr	nomial are					
	( <b>iii</b> ) The zero a) -1 ,5		10mial are ) -1, 3	c) 3, 5	)	d) -4, 2		
	a) -1 ,5 ( <b>iv</b> ) What w	b) ill be the expres	) -1, 3 ssion of the po	olynomial?				
	a) -1 ,5 (iv) What we a) $x^2+2x$	b) ill be the expres -3 b	$x^{-1}, 3$ (3) -1, 3 (3) sion of the point of $x^{2}-2x + 3$	blynomial? c) $x^2$ .	- 2x -3	d) -4, 2 d) $x^2+2$	2x+3	
	a) -1 ,5 (iv) What w a) $x^2+2x$ (v) What is t	b) ill be the express -3 b the value of the	) -1, 3 ssion of the po ) $x^2$ -2x +3 polynomial it	blynomial? c) $x^2$ . f x = 1?	- 2x -3	d) $x^2 + 2$	2x+3	
	a) -1 ,5 (iv) What we a) $x^2+2x$ (v) What is to a) -4	b) ill be the expres -3 b the value of the b)	$x^{-1}, 3$ (3) -1, 3 (3) sion of the point of $x^{2}-2x + 3$	blynomial? c) $x^2$ .	- 2x -3		2x+3	
20.	a) -1 ,5 (iv) What w a) $x^2+2x$ (v) What is t	b) ill be the expres -3 b the value of the b)	) -1, 3 ssion of the po ) $x^2$ -2x +3 polynomial it	blynomial? c) $x^2$ . f x = 1?	- 2x -3	d) $x^2 + 2$	2x+3	<u>4</u>
20.	a) -1 ,5 (iv) What we a) $x^2+2x$ (v) What is t a) -4 <b>Case Stu</b>	b) ill be the expres -3 b the value of the b)	) -1, 3 ssion of the po ) $x^2$ -2x +3 polynomial it ) 5	blynomial? c) $x^{2}$ . f x = 1? c) -5		d) $x^2+2$ d) 6		<u>4</u>
20.	a) -1 ,5 (iv) What we a) $x^2+2x$ (v) What is to a) -4 <b>Case Stu</b> Data of he	b) ill be the expres -3 b the value of the b) udy:-4	) -1, 3 ssion of the po ) $x^2$ -2x +3 polynomial if ) 5	blynomial? c) $x^2$ . f x = 1? c) -5 ts was colle	cted and or	d) $x^2+2$ d) 6 ganized as t	he	4
20.	a) -1 ,5 (iv) What we a) $x^2+2x$ (v) What is to a) -4 <b>Case Stu</b> Data of he	b) ill be the expres -3 b the value of the b) <b>Jdy:-4</b> ight of class 1 frequency dis	) -1, 3 ssion of the po ) $x^2$ -2x +3 polynomial if ) 5	blynomial? c) $x^2$ . f x = 1? c) -5 ts was colle	cted and or	d) $x^2+2$ d) 6 ganized as t	he	<u>4</u>
20.	a) -1 ,5 (iv) What we a) $x^2+2x$ (v) What is to a) -4 <b>Case Stu</b> Data of he following f	b) ill be the expres -3 b the value of the b) <b>Jdy:-4</b> ight of class 1 frequency dis	) -1, 3 ssion of the po ) $x^2$ -2x +3 polynomial if ) 5	blynomial? c) $x^2$ . f x = 1? c) -5 ts was colle	cted and or	d) $x^2+2$ d) 6 ganized as t	he	<u>4</u>
20.	a) -1 ,5 (iv) What we a) $x^2+2x$ (v) What is to a) -4 <b>Case Stu</b> Data of he following following following following following for the state of the	b) ill be the express -3 b the value of the b) <b>udy:-4</b> sight of class 1 frequency dis ht (in cm).	) -1, 3 ssion of the po ) $x^2$ -2x +3 polynomial if ) 5	blynomial? c) x <sup>2</sup> f x = 1? c) -5 ts was colle ble ,observe	cted and or the media	d) $x^2+2$ d) 6 ganized as t n class and r	he nodal	<u>4</u>
20.	a) -1 ,5 (iv) What we a) x <sup>2</sup> +2x (v) What is t a) -4 <b>Case Stu</b> Data of he following f class.Heigh	b) ill be the express -3 b the value of the b) Jdy:-4 ight of class 1 frequency dis ht (in cm). 140-145	1, 3 $x^2 - 2x + 3$ polynomial if 5 10th studen tribution ta 145-150	blynomial? c) $x^2$ . f x = 1? c) -5 ts was colle ble ,observe 150-155	cted and or the media 155-160	d) $x^2+2$ d) 6 ganized as t n class and r 160-165	he nodal 165-170	<u>4</u>
20.	<ul> <li>a) -1 ,5</li> <li>(iv) What we ald a x<sup>2</sup>+2x</li> <li>(v) What is the ald a -4</li> <li>Case Study</li> <li>Data of here following follow</li></ul>	b) ill be the express -3 b the value of the b) <b>Jdy:-4</b> sight of class 1 frequency dis ht (in cm). 140-145 5 the upper limit of	$\frac{1}{2} - 1, 3$ $\frac{1}{2} - 2x + 3$ $\frac{1}{2} - 2x $	blynomial? c) $x^2$ . f x = 1? c) -5 ts was colle ble ,observe 150-155 25 ss?	cted and or e the media 155-160 30	d) $x^2+2$ d) 6 ganized as t n class and r 160-165 15	he modal 165-170 10	<u>4</u>
20.	<ul> <li>a) -1 ,5</li> <li>(iv) What we as x<sup>2</sup>+2x</li> <li>(v) What is the as -4</li> <li>Case Study</li> <li>Data of here following for class. Height</li> <li>Height</li> <li>Freq.</li> <li>(i) What is the as the astronomy of the state o</li></ul>	b) ill be the express -3 b the value of the b) <b>Jdy:-4</b> sight of class 1 frequency dis ht (in cm). 140-145 5 the upper limit m (b)	$\frac{1, 3}{2}$ $\frac{1, 3}{2}$ $\frac{1, 2}{2}$ $\frac{1, 3}{2}$ $\frac{1, 3}{2}$ $\frac{1, 3}{2}$ $\frac{1, 3}{2}$ $\frac{1, 2}{2}$ $\frac{1, 3}{2}$ $1$	blynomial? c) $x^{2}$ . f x = 1? c) -5 ts was colle ble ,observe 150-155 25	cted and or e the media 155-160 30	d) $x^2+2$ d) 6 ganized as t n class and r 160-165	he modal 165-170 10	<u>4</u>
20.	<ul> <li>a) -1 ,5</li> <li>(iv) What we a) x<sup>2</sup>+2x</li> <li>(v) What is to a) -4</li> <li>Case Study</li> <li>Data of here following fol</li></ul>	b) ill be the express -3 b the value of the b) <b>Jdy:-4</b> ight of class 1 frequency dis ht (in cm). 140-145 5 the upper limit of m (b) the value of me	$\frac{1, 3}{2}$ $\frac{1, 3}{2}$ $\frac{1, 2}{2}$ $\frac{1, 2}{2}$ $\frac{1, 3}{2}$ $\frac{1, 2}{2}$ $\frac{1, 2}{2}$ $\frac{1, 3}{2}$ $\frac{1, 2}{2}$ $\frac{1, 3}{2}$ $1$	blynomial? c) $x^{2}$ . f x = 1? c) -5 ts was colle ble ,observe 150-155 25 ss? (c) 155	cted and or the media 155-160 30	d) $x^2+2$ d) 6 ganized as t n class and r 160-165 15 (d) 165 cm	he modal 165-170 10	<u>4</u>
20.	<ul> <li>a) -1 ,5</li> <li>(iv) What we also also also also also also also also</li></ul>	b) ill be the express -3 b the value of the b) <b>Jdy:-4</b> sight of class 1 frequency dis <u>ht (in cm).</u> 140-145 5 the upper limit m (b) the value of me 7 cm (b)	$\frac{1, 3}{2}$ $\frac{1, 3}{2}$ $\frac{1, 2}{2} + 3$ $\frac{1}{2} + 3$	blynomial? c) $x^{2}$ . f x = 1? c) -5 ts was coller ble ,observer 150-155 25 ss? (c) 155 (c) 155	cted and or the media 155-160 30	d) $x^2+2$ d) 6 ganized as t n class and r 160-165 15	he modal 165-170 10	4
20.	<ul> <li>a) -1 ,5</li> <li>(iv) What we a) x<sup>2</sup>+2x</li> <li>(v) What is to a) -4</li> <li>Case Study</li> <li>Data of here following for class. Height</li> <li>Height</li> <li>Freq.</li> <li>(i) What is to (a) 150 cm</li> <li>(ii) What is (a) 145.6</li> <li>(iii) What is (a) 145.6</li> </ul>	b) ill be the express -3 b the value of the b) <b>Jdy:-4</b> sight of class 1 frequency dis ht (in cm). 140-145 5 the upper limit m (b) the value of me 7 cm (b) the lower limit	) -1, 3 ssion of the po ) $x^2$ -2x +3 polynomial if ) 5 LOth studen tribution ta 145-150 15 of median class 160 cm edian height? 157.67 cm of modal class	blynomial? c) $x^{2}$ . f x = 1? c) -5 ts was colle ble ,observe 150-155 25 ss? (c) 155 (c) 155 (c) 155	cted and org the media 155-160 30 5 cm 5.83 cm	d) $x^{2}+2$ d) 6 ganized as t n class and r 160-165 15 (d) 165 cm (d) 159.67	he nodal 165-170 10	4
20.	<ul> <li>a) -1 ,5</li> <li>(iv) What we a) x<sup>2</sup>+2x</li> <li>(v) What is to a) -4</li> <li>Case Study</li> <li>Data of here following for class. Height</li> <li>Height</li> <li>Freq.</li> <li>(i) What is to (a) 150 cm</li> <li>(ii) What is (a) 145.6</li> <li>(iii) What is (a) 150 cm</li> </ul>	b) ill be the express -3 b the value of the b) <b>Jdy:-4</b> sight of class 1 frequency dis ht (in cm). 140-145 5 the upper limit m (b) the value of me 7 cm (b) the lower limit m (b)	$\frac{1, 3}{2, 2x + 3}$ $\frac{1, 2}{2, 2x + 3}$ $\frac{1, 2}$	blynomial? c) $x^{2}$ . f x = 1? c) -5 ts was coller ble ,observer 150-155 25 ss? (c) 155 (c) 155	cted and org the media 155-160 30 5 cm 5.83 cm	d) $x^2+2$ d) 6 ganized as t n class and r 160-165 15 (d) 165 cm	he nodal 165-170 10	4
20.	<ul> <li>a) -1 ,5</li> <li>(iv) What we a) x<sup>2</sup>+2x</li> <li>(v) What is to a) -4</li> <li>Case Study</li> <li>Data of here following for class. Height</li> <li>Height</li> <li>Freq.</li> <li>(i) What is to (a) 150 cm (a)</li></ul>	b) ill be the express -3 b the value of the b) <b>Jdy:-4</b> sight of class 1 frequency dis frequency dis ht (in cm). 140-145 5 the upper limit m (b) the value of me 7 cm (b) the lower limit m (b) the value of me	) -1, 3 ssion of the point ) $x^2$ -2x +3 polynomial if ) 5 LOth studen tribution ta 145-150 15 of median class 160 cm edian height? 157.67 cm of modal class 160 cm podal height?	blynomial? c) $x^{2}$ . f x = 1? c) -5 ts was coller ble ,observer 150-155 25 (c) 155 (c) 155 (c) 155 (c) 155	cted and org the media 155-160 30 5 cm 5.83 cm 5 cm	<ul> <li>d) x<sup>2</sup>+2</li> <li>d) 6</li> <li>ganized as t</li> <li>n class and r</li> <li>160-165</li> <li>15</li> <li>(d) 165 cm</li> <li>(d) 165 cm</li> <li>(d) 165 cm</li> </ul>	he nodal 165-170 10	4
20.	<ul> <li>a) -1 ,5</li> <li>(iv) What we a) x<sup>2</sup>+2x</li> <li>(v) What is to a) -4</li> <li>Case Study</li> <li>Data of here following for class. Height</li> <li>Height</li> <li>Freq.</li> <li>(i) What is to (a) 150 cm</li> <li>(ii) What is (a) 145.6</li> <li>(iii) What is (a) 150 cm</li> <li>(iv) What is (a) 155.2</li> </ul>	b) ill be the express -3 b the value of the b) <b>Jdy:-4</b> sight of class 1 frequency dis frequency dis ht (in cm). 140-145 5 the upper limit m (b) the value of me 7 cm (b) the lower limit m (b) the value of me	) -1, 3 ssion of the po ) $x^2$ -2x +3 polynomial if ) 5 LOth studen tribution ta 145-150 15 of median class 160 cm edian height? 157.67 cm of modal class 160 cm odal height? 156.25 cm	blynomial? c) $x^{2}$ . f x = 1? c) -5 ts was coller ble ,observer 150-155 25 (c) 155 (c) 155 (c) 155 (c) 155	cted and org the media 155-160 30 5 cm 5.83 cm	d) $x^{2}+2$ d) 6 ganized as t n class and r 160-165 15 (d) 165 cm (d) 159.67	he nodal 165-170 10	<u>4</u>

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	Question	No 21 to	26 aro Vo		RT-B	no questio	ns of 2 m	arks each.	
21.	Find the va units.	lue of a if	the distan	ce betwee OR	en the poi	nts A(-3, -	14) and B	(a,-5) is 9	<u>2</u>
	Find a relat point (3,6)			/ such tha	t the point	t (x, y) is e	quidistant	t from the	
22.	Draw a pair at an angle	_	nts to a cir	cle of rad	ius 5 cm w	hich are ii	nclined to	each other	<u>2</u>
23.	Two concerts the larger of	circle whic	h touches	the small O	er circle. <b>R</b>		ngth of th	e chord of	<u>2</u>
	Prove that a	-	0		<u> </u>				
24.	Prove that:		$\frac{\sin^3\theta}{\sin\theta} + \frac{\theta}{\sin\theta}$	C	R	$\mathbf{O}$			<u>2</u>
	If $5x = Sec$	$c\theta$ and $\frac{5}{r}$	$= tan\theta$ , t	hen f ind	the value	e of $5(x^2)$	$\left(\frac{1}{r^2}\right)$ .		
25.	If $5x = Sec\theta$ and $\frac{5}{x} = tan\theta$ , then find the value of $5\left(x^2 - \frac{1}{x^2}\right)$ . A ladder 15m long reaches a window which is 9m above the ground on one side of a street .Keeping its foot at the same point ,the ladder is turned to the other side of the street to reach window 12m high .find the width of the street.						<u>2</u>		
26.	If the HCF								2
	Question	No. 27 to	o 33 are 9	hort Ans	wer Type	question	ns of 3 ma	arks each	
27.	Divide 56 i (1 <sup>st</sup> and 4 <sup>th</sup>	- <u>-</u>				-	ict of their	r extremes	<u>3</u>
28.	Prove that	$5 - \frac{3}{7\sqrt{3}}$ i	s irrationa	l number.					<u>3</u>
	OR								
	On a morning walk, three persons step off together and their steps measure								
	40cm, 42 cm and 45cm respectively. At what minimum distance each should							should	
	walk so tha	it each car	cover the	e same dis	stance in c	omplete s	teps		
29.	If mode of	the follow	ing data i	s 32.5 and	l the sum	of frequer	ncies is 71	, then find	<u>3</u>
	the missing	g frequenc	cies x and	у.					
	Class	25-29	30-34	35-39	40-44	45-49	50-54	55-59	
	interval								
	Freq.	Х	22	У	8	7	3	2	

				OR				
	Find the missing frequencies $f_1$ , $f_2$ and $f_3$ in the following distribution ,when it is given that $f_2$ : $f_3 = 4$ : 3, and mean is 50.							
	Class int.	0-20	20-40	40-60	60-80	80-100	Total	
	Freq.	17	$f_1$	$f_2$	$f_3$	19	120	
30.	Solve <i>x</i> :	$\frac{1}{a+b+x}$ =	$=\frac{1}{a}+\frac{1}{b}+$	$\frac{1}{x}, x \neq 0,$	a ≠ 0, b <i>∓</i>	$= 0, x \neq -0$	(a+b).	<u>3</u>
31.	In a right angle triangle, the square of the hypotenuse is equal to the sum squares of the other two sides.						sum of the	<u>3</u>
	OR If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, then prove that the other two sides are divided in the same ratio.							
32.	<ul> <li>90 cards numbered from 1 to 90 are placed in a box. If one card is drawn at random from the box find the probability that it is:</li> <li>(i) a two-digit number</li> <li>(ii) a perfect square</li> <li>(iii) a number divisible by OR</li> <li>Red queen and a black jack are removed from a pack of 52 playing cards. Find</li> </ul>					visible by 5	<u>3</u>	
	the probabil	lity that the	card draw	n from the r	emaining ca	ards is:		
33.	(i) a red card (ii) neither a jack nor a king (iii) either a king or a queen. Find the area shaded region.					<u>3</u>		
	Question N	lo. 34 to 36	are Long	Answer Ty	pe questio	ns of 5 mar	ks each	
34.	The angle of flight of 30 s a constant h	seconds the	angle of el	evation bec	omes 30°.If	the airplane		<u>5</u>
	The angle of angle of dep cloud from t	pression of r	eflection o	m a point 6 f the cloud i				

	"Being honest is very expensive"	
50.	cylindrical tank in her field, which is 10m in diameter and 2m deep. If water flows through the pipe at the rate of 3km/h, in how much time will the tank be filled?	5
36.	each she has? A farmer connects a pipe of internal diameter 20 cm form a canal into a	5
	the total number of notes is 200, then find how many notes of Rs. 50 and Rs.100	
	Sunita has some notes of Rs.50 and Rs.100 amounting to a total of Rs.15,500. If	
	OR	
	speed of the train and the bus separately.	
	km by train and the remaining by bus, she takes 10 minutes longer. Find the	
	hours if she travels 60 km by train and the remaining by bus. If she travels 100	
35.	Roohi travels 300 km to her home partly by train and partly by bus. She takes 4	<u>5</u>

\*^\*^\*^\*^\*^\*^\*^\*^\*^\*^\*^\*^\*^\* ALL THE BEST \*^\*^\*^\*^\*^\*^\*^\*^\*





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