1. 2. 3. 4. 5.	ISTRUCTIONS ATTEMPT ALL QUEST EACH QUESTION CAI NO NEGATIVE MARKS DON'T DO ROUGH W USE BLACK (OR) BLU	NUMBE IONS WITHIN THI RRIES 1 MARK 5. ORK ON QUESTIC IE PEN FOR BUBE	ER OF QUESTIONS E TIME. ON PAPER AND ON BLING ON OMR.	6 : 100 TIME : 2 Hrs 1R.
	CORRECT METHOD OF E	BUBBLING		
		IN MA	THEMATICS	
•	If $p = (-1)^{205}$ and $q = (-1)^{407}$	$= (-1)^{202}$ , then p +	q is	4) 2
	1)(-1)***	2) (-1) <sup>+</sup>	3)0	4) 2
•	What sum of money interest?	y will amount to ₹	(3,630 in 2 years at	10% per annum compoun
	1)₹2,500	2) ₹3,000	3)₹3,800	4) ₹4,000
•	The HCF of $64x^6y^2$	$^{4}, 48x^{4}y^{8}$ and $54x^{4}y^{8}$	$z^5 y^4$ is	
	1) $2x^4y^4$	2) $6x^2y^2$	$3)8x^4y^4$	4) $8x^2y$
•	$0.1\overline{2} - 0.\overline{12} = $			
	1) 0.011	2) 0.001	3) 0.001	4) 0.001
•	The area of a square	e field is 1681 m <sup>2</sup> .	. Find the cost of fe	encing the field at the rate
	₹3 per metre			
	1)₹672	2) ₹564	3)₹492	4) ₹372
	If the numerator of	a fraction is decre	eased by 1 its value	becomes $\frac{2}{3}$ , but if the
	denominator is incr	eased by 5 its value	ue becomes $\frac{1}{2}$ . Wh	nat is the fraction?
	$1)\frac{2}{-}$	2) $\frac{7}{2}$	$(3)\frac{5}{-}$	4) $\frac{3}{2}$

7.	In a game if we hit a balloon, we get 300 points and if we miss the balloon, we lose						
	100 points. Raj hit	ts 15 balloons and mi	sses 40 balloons. Fi	ind his net score			
	1)500	2) 400	3)300	4) 200			
8.	On what sum of m	noney will compound	l interest for 2 years	at 5 percent per year			
	amount to ₹164?						
	1)₹1200	2) ₹1500	3)₹1600	4) ₹1400			
9.	If $x+1/x=6$ , the	n find $x^2 + 1/x^2$					
	1)34	2) 36	3)32	4) 38			
10.	If $x = -2$ and $x^2 + $	$y^2 + 3xy = -5$ , then	find y				
	1)-2	2) 3	3)-4	4) 9			
11.	$\sqrt{81(x+y)^2}$						
	$\sqrt{\frac{(y)}{144(x-y)^2}} = -$						
	$\sqrt{2}$	$\sim$ ( ) <sup>2</sup>					
	1) $\frac{9(x+y)^{1}}{12(x+y)^{\sqrt{2}}}$	2) $\frac{9(x+y)}{12(x-x)^2}$	$3)\frac{3(x+y)}{4(x-y)}$	4) $\frac{9(x+y)}{12(x-y)}$			
	$12(x-y)^{*}$	12(x-y)	4(x-y)	12(x-y)			
12.	The ratio between	a two digit number a	and the number obta	nined on reversing its digits			
	is 4 : 7. If the diffe	erence between the di	igits of the number	is 3, find the number			
	1)36	2) 52	3)74	4) 85			
13.	If $a - b - c = 3$ and	$a^2 + b^2 + c^2 = 77$ the	en the value of ab –	bc + ca is			
	1)26	2) 11	3)-11	4) 34			
14.	If $2y + \frac{1}{2y} = \ell$ and	$l^2 2y - \frac{1}{2y} = m$ , then $l^2$	$m^{2} - m^{2} = $				
	1)2	2) 4	3)6	4) 0			
15.	If $p + q = 15$ and $p$	pq = 54, then $p - q$ ca	in be				
	1)3	2) 5	3)4	4) 6			
16.	Factorize $y^2 + 2xy$	$y + 2xz - z^2$					
	1) $(x - y + z) (y +$	z)	2) $(x + y + z)$	(y – z)			
	3) $(y-z) (y+z+$	2x)	4) (y + z) (y -	(-z) + 2x)			
17.	If $x^2 - y^2 = 28$ and	x + y = 7 then $(x - y)$	$(r)^2 = $				
	1)8	2) 4	3)16	4) 12			
<u></u>	<u>-</u>		<u>-</u>				

18.	Factorize $a^4 + a^3 + a^3$	$a^2 + a$					
	1) $(a + 1) (a^2 + 1) (a^$	a – 1)	2) $a(a - 1) (a^2 +$	1)			
	3) $(a^2 + a) (a^2 + 1)$		4) $a(a + 1) (a^2 + 1)$				
19.	The present ages of	f A and B are in the ra	ntio 9 : 4. Seven year	rs hence, the ratio of their			
	ages will be 5 : 3 th	ien the present ages o	of A and B respectively				
	1)8,18	2) 18, 8	3)6, 8	4) 18,6			
20.	$(0.01024)^{1/5} =$						
	1) $\sqrt{0.4}$	2) 0.2	3)0.4	4) $\sqrt[3]{0.4}$			
21.	If $64 > x^3$ , then the	greatest possible inte	ger value of x is				
	1)1	2) 2	3)3	4) 4			
22.	If $2^a = 4^b = 8^c = 64$ ,	, then which of the fol	llowing relations hol	d true?			
	1)a+b+c=8	2) $a + b + c = 9$	3)a + b + c = 10	4) $a + b + c = 11$			
23.	3. If $\left(\frac{a}{b}\right)^{\frac{5}{14}} + \left(\frac{b}{a}\right)^{\frac{5}{14}} = 9$ , then find the value of $\left(\frac{a}{b}\right)^{\frac{5}{7}} + \left(\frac{b}{a}\right)^{\frac{5}{7}}$						
	$1)\frac{1}{6}$	2) $\sqrt{6}$	3)79	4) 34			
24.	Find the value of $\frac{1}{1}$	$\frac{1}{x^{a-b}} + \frac{1}{1+x^{b-a}}$					
	1)0	2) -1	3)1	4) $x^{a+b}$			
25.	If $5^{-5y} = \frac{1}{3125}$ and	$9^x = \frac{1}{81}$ , then $x - y =$					
	1)-5	2) -2	3)-3	4) 2			
26.	If $x^y \times y^x = 256$ , th	en find $y^2 - x^2$ (when	x = x and $y$ are positiv	The integers and $x < y$ )			
	1)15	2) 12	3)14	4) 16			
27.	Calculate the amou	nt on ₹7,500 in 2 yea	rs and at 6% compo	unded annually			
	1)₹9200	2) ₹8250	3)₹8427	4) ₹9427			
28.	If $x = \sqrt{3}, y = \sqrt{27}$ a	and $z = \sqrt{243}$ , then w	hich of the followin	g is/are rational numbers?			
	1) <i>xy</i>	2) <i>xz</i>	3) <i>yz</i>	4) All of these			

29.	The square root of	$14 - 8\sqrt{3}$ is		
	1) $2\sqrt{2} + \sqrt{6}$	2) $2\sqrt{2} - \sqrt{6}$	3) $2\sqrt{2} + 6$	4) $8 + \sqrt{6}$
30.	At what rate percer	nt per annum C.I. will	₹2,000 amount to ₹	2,315.25 in 3 years?
	1)r = 5%	2) $r = 8\%$	3)r = 4%	4) $r = 6\%$
31.	In how many years	will ₹2,000 amount t	o ₹2,662 at 10 perce	ent C.I?
	1)3 years	2) 2 years	3)4 years	4) 5 years
32.	If the sum of two in	ntegers is -26 and one	them is 14, then fin	d the other integer
	1)-12	2) 12	3)-40	4) 40
33.	If $x - 2 = 5$ then $\frac{x}{2}$	$\frac{-1}{6} =$		
	1)1	2) 2	3)3	4) 4
34.	The HCF of two nu	umbers is 18. Which c	of the following canr	not be their LCM?
	1)324	2) 260	3)648	4) 360
35.	If $A = (3x + 6)$ and	$B = 2x^2 + 3x + 4$ , the	n the degree of AB	is
	1)4	2) 3	3)2	4) 1
36.	If $2^n = 4096$ , then 2	2 <sup>n-5</sup> is		
	1)128	2) 64	3)256	4) 32
37.	If $\frac{7}{x} + \frac{8}{y} = 2$ and $\frac{2}{x}$	$+\frac{13}{y} = 22$ then the va	alue of $2x + 2y$	
	$1) - \frac{1}{2}$	2) $\frac{1}{2}$	3)1	4) 0
38.	12 persons can do a the same in 24 day	a price of work is 20 c	lays. How many per	sons are required to do
	1)20	2) 10	3)15	4) 18
39.	The total railway fa	are for 5 members in 3	3-tier and 3 member	s in 2-tier is ₹2,050
	whereas, the total r	ailway fare for 8 men	nbers in 3-tier and 5	members in 2-tier is
	₹3,350. Find the fa	re to be paid by a cou	ple travelling throug	gh 2-tier
	1)₹500	2) ₹700	3)₹600	4) ₹400
40.	If two numbers are	equal, then		
	1) Their LCM is eq	ual to their HCF	2) Their L	CM is less than their HCF
	3) Their LCM is ec	ual to two times their	HCF 4) Their H	CF is less than their LCM

41.	X is a perfect s	quare. Which of the fo	llowing is necessaril	ng is necessarily be true?					
	1) X <sup>2</sup> is a perfe	ect square	2) $\sqrt{X}$ is a p	2) $\sqrt{X}$ is a perfect square					
	3) Both 1 and 2	2	4) Neither 1	nor 2					
42.	A sum of `6,400 earns a compound interest of `1,008.80 in 18 months, when the								
	interest is reckoned half-yearly. Find the rate of interest								
	1)r = 10%	2) r = 9%	3)r = 8%	4) $r = 7\%$					
43.	Arrange 3/4, 9/	/13, 12/17 and 1/2 in th	e ascending order						
	1) 1/2, 9/13, 3/	4, 12/17	2) 3/4, 9/13,	1/2, 12/17					
	3) 1/2, 3/4, 9/1	3, 12/17	4) 1/2, 9/13,	12/17, 3/4					
44.	If $a^2 + 16a + k$	is a perfect square, the	en find the value of k						
	1)4	2) 16	3)36	4) 64					
45.	Find the square	e root of $3^{6n^2} (36)^{2a} (16)^{2a} (16)^$	$)^b$						
	1) $3^{3n^2} 6^{2a} 2^{2b}$	2) $3^{6n}6^22^b$	$3) 3^{3n^2} 6^a 2^b$	4) $3^{6n}6^a2^{2b}$					
46.	The value of a machine depreciated by 10% per year during the first two years and								
	15% per year during the third year. Express the total depreciation of the machine, as								
	percent, during	the three years							
	1)21.15%	2) 31.15%	3)41.15%	4) 20.15%					
47.	Calculate the amount and the compound interest on ₹12,000 in 3 years when the rates								
	of interest for s	successive years are 8%	6, 10% and 15% resp	pectively					
	1)₹4,394.40	2) ₹3,394.40	3)₹5,394.40	4) ₹6,394.40					
48.	If $x = -23 + 22$	+(-23)+22(40 ter)	ms) and						
	$y = 11 + (-10) + 11 + (-10) + \dots (20 \text{ terms})$ then $y - x$ is								
	1)40	2) 10	3)20	4) 30					
49.		$2^{2^{40^{78}}}$ $3^{2^{0^{47}}}$							
	The value of	3 + 8	2) 52 1	<i>(</i> ) 152					
50	1)213	2) 251	oranges A save to P	$\frac{4}{132}$					
50.	oranges, I will me 10 of your the number of	have twice the number of oranges, I will have the oranges with A and B r	of oranges. A says to E of oranges left with same number of ora respectively	you." B replies, "if you give anges as left with you." Find					
	1)70, 50	2) 70, 40	3)60, 50	4) 70, 70					







Find the ratio of number of children who like mango ice cream to the number of 58. children who like butterscotch ice cream

1)7:5	2) 5 : 7	3)5:14	4) 9:14
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At a school, 20% of the students are seniors. If all of the seniors attended the school 59. play and 60% of all the students attended the play, then what percent of the nonseniors attended the play?

1)20% 2) 40% 3)50% 4) 100%

2) 36 years

60. At present, Anil is 1.5 times of Sunil's age, 8 years hence, the respective ratio of Anil and Sunil's ages will be 25 : 18. What is the present age of Sunil?

## PHYSICS

3)42 years

A block of iron of mass 7.5kg and of dimensions  $12 \times 8 \times 10^{-1}$  is kept on a table top on 61. its base of side  $12cm \times 8cm$ . The pressure exacted on the table top by the block is (in Pa) 1)75 2) 7812.5 3)760 4) 781.25

- A rubber ball floats on water with its  $\frac{1}{3}$  volume outside water. The density of rubber is 62.  $1)667 kg/m^3$ 2)  $336 \text{kg/m}^3$  $3)1325 \text{kg/m}^3$ 4) 777kg/m<sup>3</sup>
- A body weighs 200gf in air and 190gf when completely immersed in water. The up 63. thrust on the body is 2) 20gf 3)10gf 4) 5gf

1)30gf

1) 50 years

4) 28 years

64.	The gravitational	force is						
	1) Always repulsiv	ve	2) Either repulsive o	r attractive				
	3) Always attractiv	ve	4) Neither repulsive	nor attractive				
65.	Equation for change	ge in momentum $\Delta P$	$P = m\Delta V$ is valid onl	ly when				
	1) Velocity of mo	ving particle is smal	ler than light velocity	Į				
	2) Velocity of mo	ving particle is great	er than light velocity	,				
	3) Velocity of moving particle is much smaller than light velocity							
	4) Velocity of mov	ving particle is much	n larger than light vel	locity				
66.	A body accelerate	s from rest for some	time, with an accele	ration $\alpha$ and reaches				
	maximum velocity	y and retards with co	onstant retardation $\beta$	and comes to rest. If total				
	time of journey is	t, then the max velo	ocity reached by the b	oody				
			$(\alpha)$	$\begin{bmatrix} \alpha \beta \end{bmatrix}$				
	1) $(\alpha + \beta)t$	2) $\alpha\beta t$	$3)\left(\frac{1}{\beta}\right)t$	4) $\left[\frac{\alpha+\beta}{\alpha+\beta}\right]t$				
67.	Arrange the follow	ving speeds in increa	asing order					
	i) 10ms <sup>-1</sup>	ii) 1km min <sup>-</sup>	<sup>1</sup> iii)18kr	nh <sup>-1</sup>				
	1) <i>i &lt; ii &lt; iii</i>	2) <i>ii &lt; iii &lt; i</i>	3) <i>ii &lt; i &lt; iii</i>	4) <i>iii</i> < <i>i</i> < <i>ii</i>				
68.	Rain drops reach o	on earth surface falli	ng with same velocit	y. It is an example of				
	1) curvilinear mot	tion	2) Unife	form motion				
(0)	3) Accelerated mo	tion	$\frac{4) \operatorname{Retar}}{1 + 1 + 1}$	rding motion				
69.	A rocket of mass is 1kms <sup>-1</sup> then it 1	100kg burns 0.1kg o ifts with an accelera	f fuel per second. If t tion of	the velocity of exhaust gas				
	1) $1000 \text{ms}^{-2}$	2) 100ms <sup>-2</sup>	$3)1 \text{ms}^{-2}$	4) 10ms <sup>-2</sup>				
70.	A particle moving	in a straight line co	vers half the distance	e with speed of 3m/s. The				
	other half of the di	istance is covered in	two equal time inter	vals with speed of 4.5m/s				
	1)4.0m/s	2) 5.0 m/s	3)5.5m/s	4) $4.8 \text{ m/s}$				
71.	The velocity time	graph for motion of a	body is as shown. Th	ne retardation of the body is				
		V(m/s)						
		10						
	1) $2m/c^2$	$^{\circ}$	$\frac{1}{2} \sqrt{\frac{1}{2}}$	(1) $4m/c^2$				
. <u></u>	1 ) 2 III/ S <sup>-</sup>	2) -2m/s-	3)4m/s <sup>-</sup>	4) -4III/S <sup>-</sup>				

72. A force of 10N acts on a body of mass 2kg for 3-second initially at rest. The velocity										
	acquired by the bod	ly will be								
	1)30ms <sup>-1</sup>	2) 20ms <sup>-1</sup>	3)15ms <sup>-1</sup>	4) 10ms <sup>-1</sup>						
73.	Velocity time graph	n of a particle of mass	100g moving in a st	raight line is as shown.						
	The force acting on the particle will be									
	V(ms <sup>-1</sup> )									
		20								
			$\frac{1}{5}$ t(sec)							
		I	5							
	1)0.2N	2) 0.3N	3)0.6N	4) 0.4N						
74.	A boat floating in w	vater tank is carrying	a number of large sto	ones. If the stones are						
	unloaded into the w	vater, the water level w	vill							
	1) Rise	2)	Remain unchanged							
	3) Fall	4)	Cannot be predicted							
75.	A body travels in a	circular path of radius	s 7m with constant s	peed. It reaches the same						
	point where it has s	tarted then the displac	cement and distance	are						
	1)14m, 154m	2) 28m,154m	3)0,44m	4) 0m,154m						
76.	Pressure is									
	1) Scalar quantity	2) Vector quantity	3)Tensor quantity	4) None of the above						
77.	A racing car has a u	iniform acceleration o	of $4 \text{m s}^{-2}$ which is initial	itially at rest. What						
	distance will it cove	er in 10s after start?								
	1)400m	2) 300m	3)250m	4) 200m						
78.	A 8000kg engine pu	ulls a train of 5 wagor	ns, each of 2000kg, a	long a horizontal track.						
	If the engine exerts	a force of 40000N an	d the track offers a f	riction force of 5000N.						
	then calculate the ad	cceleration of the train	1							
	1)1.94 m/s <sup>2</sup>	2) 1.54 m/s <sup>2</sup>	3)2.54 m/s <sup>2</sup>	4) 1.2 m/s <sup>2</sup>						
79.	An object weighs 1	0N when measured or	n the surface of the e	arth. What would be its						
	1)1.67N	2) 1.57N	3)1.47N	4) 1.37N						
<u> </u>	·	, 	·	·						

80.	. A stone is thrown vertically upward with an initial velocity of 40m/s. Taking										
	g = 1	0 <i>m / s</i>	$r^2$ , find	l the m	axim	um h	eight reached b	y the s	tone. V	What is	the net
	displ	aceme	nt and	the to	tal dis	tance	e covered by the	e stone	?		
	1)40	m, 801	m, 80n	n 2)	40m,	0m,	80m 3)80m,	, 160m,	320m	4) 80r	n, 0m, 160m
							CHEMISTR	Y			
81.	Whic	ch of t	he foll	owing	are m	ono a	atomic molecul	es?			
	1) No	oble g	ases or	nly			2) N	oble ga	ases, ca	arbon c	only
	3) Ca	arbon,	metals	s only			4) N	oble ga	ases, ca	arbon,	metals
82.	2. The number of oxygen atoms present in the molecular formula of Ferric sulphate							ric sulphate			
	are										
	1)6			2)	4		3)12			4) 8	
83.	$K_2Cr_2O_7 + xHCl \rightarrow 2KCl + yCrCl_3 + zH_2O + pCl_2$										
In the above balanced equation, the value of $x + y + z + p$ is											
	1)24 2) 26 3)28 4) 30										
84.	Calc	ulate t	he pero	centage	e of n	itroge	en in urea ( <i>NH</i>	$_2CONP$	$H_2$ )		
	Give	n : R.A	4.M. o	f N =	14,C =	=12,0	O = 16, H = 1				
	1)46.67% 2)48.76% 3)82.32% 4) 63.25%							25%			
85.	The	correct	t order	of rea	ctivity	/ of 1	the various met	als is _			
	1) <i>Al</i>	>Mg	> <i>Fe</i> >	> Pb >	Си		2) <i>N</i>	Ag > Pl	b > Al	> <i>Fe</i> >	Cu
	3) <i>Fe</i>	r > Al :	> Mg >	> Pb >	Си		4) <i>M</i>	g > Al	> <i>Fe</i> >	> Pb > 0	Cu
86.	Whic	ch of t	he foll	owing	stater	nents	is incorrect?				
	1) Sl	aked l	ime is	used for	or wh	ite w	ashing.				
	2) Pł	notosy	nthesis	s is con	sider	ed as	a combination.				
	3) Tł	ne mor	e react	tive ele	ement	disp	laces the less re	eactive	eleme	nt from	n its salt solution.
	4) No	eutrali	zation	reactio	on is a	n exa	ample for decor	npositi	ion rea	ction.	
87.	Matc	h the	follow	ing							
	A)	CaO	$+H_2C$	)		p)	Exothermic re	eaction			
	B)	Ph()	$\frac{1}{2}$		)	<u> </u>	Combination	reactio	n		
	<b>D</b> )	10((	$(11)_{2}$		3	4)					
	C)	C+0	$O_2$			r)	Endothermic	reactio	n		
	D)	N <sub>2</sub> +C	$\mathbf{D}_2$			s)	Double displa	icemen	t react	ion	
						t)	Displacement	reaction	on		
		Α	В	С	D		I	A	В	С	D
	1)	p,q	p,s	p,q	q,r		2)	p,s	p,t	p,q	p,r
	3)	q,r	r,s	q,r	r,t		4)	q,r	p,s	q,r	r,t
<u></u>	· · · · · · · · · · · · · · · · · · ·	<b>*</b> *	-	¥.	-		·	•	• ·	<b>L</b> <sup>*</sup>	/

88.	. Statement-I: Charge to mass ratio (e/m) of anode rays is independent of nature of the gas.						
	Statement –II: c	athode rays are deflecte	ed by both electric a	and magnetic fields.			
	1) Statement –I, s	statement-II are correct	2) Statement –	I is correct, II is incorrect			
	3) Statement-I is	in correct, II is correct	4) Statement-I	, II are incorrect			
89.	In an atom, if M s	shell is the valence shel	l, it can accommod	ate how many maximum			
	electrons.						
	1)18	2) 8	3)2	4) 32			
90.	The characteristic	c of an electrovalent cor	npound is				
	1) They are form	ed by sharing of electro	ns.				
	2) They are form	ed between metals and i	non-metals.				
	3) They often exi	st in liquid state.					
	4) They conduct	electricity in any state.					
91.	On passing electr	ic current, which of the	following compou	nd does not ionise			
	1)KC <i>l</i>	2) MgF <sub>2</sub>	$3)CCl_4$	4) H <sub>2</sub> SO <sub>4</sub>			
92.	What are the grou	p number and period n	umber of element	$^{32}_{16}Z$ respectively			
	1) $VIA, 2^{nd}$	2) $VA, 3^{rd}$	3) $VA, 2^{nd}$	4) <i>VIA</i> , $3^{rd}$			
93.	The oxide with m	ost acidic nature among	g the following is _				
	1)SiO <sub>2</sub>	2) CaO	$3)P_2O_5$	4) $Cl_2O_7$			
94.	Which of the foll	owing pair of elements	are called bridge el	lements?			
	1)Be, Na	2) B, Si	3)Al, Si	4) Na, Mg			
95.	Quick lime is suit	table for drying which g	gas?				
	1)CO <sub>2</sub>	2) SO <sub>3</sub>	3)NH <sub>3</sub>	4) HC <i>l</i>			
96.	Which of the foll	owing is the correct stat	tement is				
	1) Pure NaCl is o	leliquescent.					
	2) Hygroscopic s	substances absorb moist	ture from the atmos	sphere and form solutions.			
	3) Efflorescence	occurs when vapour pr	essure in the hydra	ted crystals exceeds			
	atmospheric p	ressure.					
	4) The mass of C	Blauber's salt increases	when it is exposed	to air.			
97.	The substance us	ed in clark's process is					
	1)Permutit	2) Washing soda	3)Slaked lime	4) Zeolite			
				)			

98.	3. The gas that can prevents haemoglobin from carrying oxygen to different parts of the						
	body	/ is					
	1)C	O <sub>2</sub> 2) CO		$3)H_2S \qquad \qquad 4) SO_2$			
99.	Iden	tify the order of relative co	ontri	bution of various gases towards greenh	ouse effect:		
	1)C	$FC > CO_2 > CH_4 > O_3$		2) $CO_2 > CH_4 > CFC > O_3$			
	3) <i>C</i>	$H_4 > CO_2 > O_3 > CFC$		4) $O_3 > CFC > CO_2 > CH_4$			
100	). Mate	ch the following pollutants	wit	h their origins.			
	A)	Carbon monoxide	<b>p</b> )	Present in batteries, paints			
	B)	Sulphur dioxide	q)	Produced due to incomplete burning			
				of petrol			
	C)	CFC's	r)	Produced from burning of diesel coal			
	D)	Pb.(Lead)	s)	Released by Refrigerators			
	1)A	$\rightarrow p, B \rightarrow s, C \rightarrow q, D \rightarrow r$	I	2) $A \rightarrow s, B \rightarrow p, C \rightarrow r, D \rightarrow r$	$\rightarrow q$		
	3) <i>A</i>	$a \to q, B \to r, C \to s, D \to p$	0	4) $A \rightarrow r, B \rightarrow q, C \rightarrow p, D -$	$\rightarrow S$		
			T	HE END			