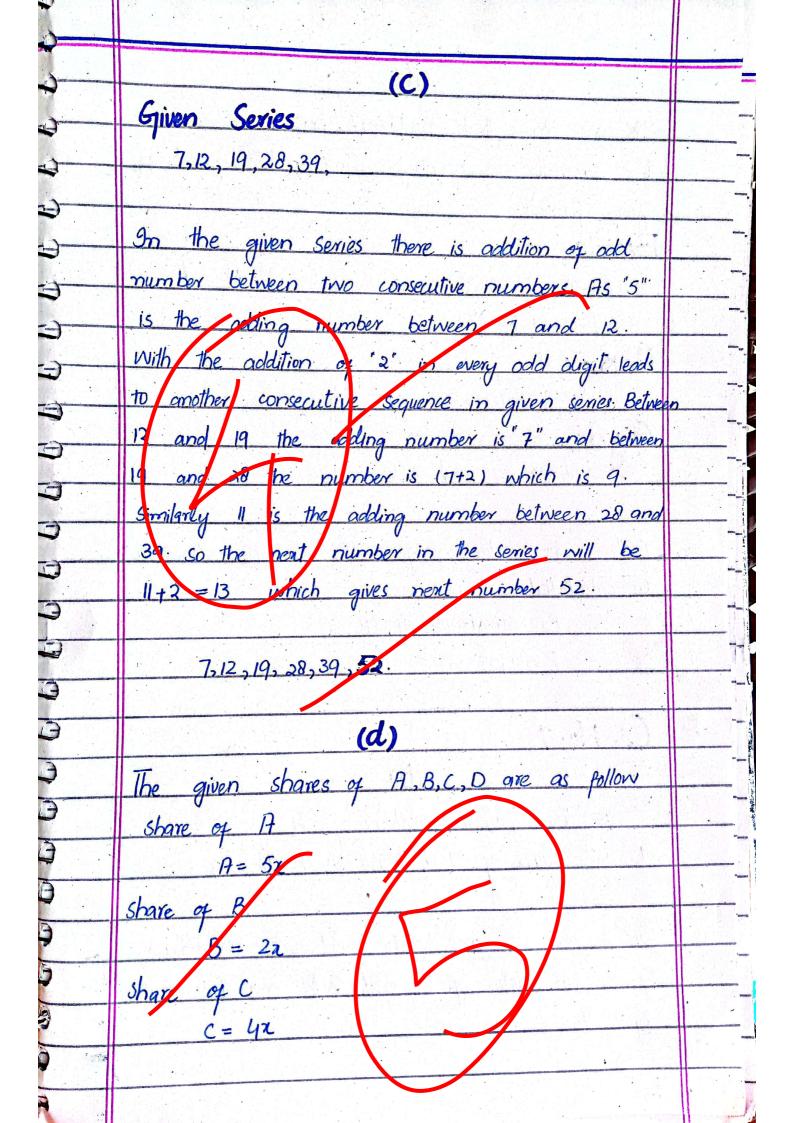
		O
		ů.
	(Section-B)	
	Q. No.6	-0
	(a)	0
	Present value of washing machine is = Rs. 8748	
	Decrease in the price per year = 101	-0-
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	Decrease per year = 10/ of 8748	
	4374	
	Work on math portion Write complete logic and steps in math portion	-
	Keep length equal for all theory portion Paper presentation is fine 4374 = 874.8	
	Paper presentation is fine 4574 = 874.8 Attempt all questions asked in paper.	-
	Total depreciation in 3 years = 3x 874.8	0
	= 2624.8	
		•
	So, the price of Machine of before 3 years was Rs. 26948	
	(b)	•
	Let the age of father is = x	•
	Age of daughter = y	
	As the age of father is 4 times the age of	-
	daughter	0
	HI 하나 아니는 아이에 아니는 아니는 이번 이번 이번 보고 있는데 나를 하면 되었다면 되었다면 되었다면 하는데 아니는데 아이들이 되었다면 하는데 되었다면 이번 모양을 다 하다면 되었다면 하는데 이번 사람이 되었다면	
	Detay 5 years the day or father would be there	•
1254	After 5 years, the age of father would be three	
	times the age of daughter	
and a second	$\chi = 3y + 5 \rightarrow (a)$	N.
	By equating two equations (2) and (a)	8
	4y = 3y+5	R
	4y-3y=6	R

4	<i>y</i> = 5	
<u> </u>	By putting this value in leg (1)	1
\$	x = 4x5 = 20	
0	So, further after 5- years, father will be	
2)	20 times the age of daughter.	
<u>ي</u>	J. Cor.	
1	(C)	
\tilde{o}	As the football is circular in shape, its volume	Mana *
	can be calculated by using given formula.	
	Formula	
	V= 4/3 773	
	7= yadius	
	Unknown	
	V= ?	1/2
	Given	
	ol=12cm	
	8 As we know that radius is the half of diameter	
	given by for mula	
	$\delta = \alpha/2 \Rightarrow \delta = 12/2 = 6cm$	Prigition
	By putting all these values in the given formula	estates.
	$V = 4 (3.1415)(6)^3$	underer .
	3	
	= 4 x 8.1415x216 = 2714.25	ADDRESS OF THE PARTY OF THE PAR
	3 3	The second secon
		en en ekselptingstersydssissa zuskrazzes
	$V = 904.75 \text{ cm}^3$	
	[요요] 이 사람들이 가게 많은 사람이 100분에 가게 하는데 하셨다.	

) j
		-
	As up Know that the	-0
	As we know that pentagon has 5-sides so	-0
	the perimeter of pentagon can be determined by given formula	-Q
	Formula	2
	Perimeter = som of all the sides d b	
	P= a+b/c+d+e	
	Unknow	
	Perimeter = ?	•
	Given	
	length of each side = 201m	
	Dutting the University	•
	putting the value in given formula, perimeter can be calculated	
	P= 281+281+281+281 281	
	P= 1405 m	
	Q. No. 7	-
	(b)	•
	C is the father's nepher of A	*
	D is cousin of A but not the brother of C	
		*
	So, C and D are brother and sister Because	•
Part St. Land Co.	D is the sister of c and Both are the cousins	*
	7	*
		5



		P
		5
	share of D	5
	D=3x	9
		· · · · ·
,	As c gets Rs. 1000 more than D	•
•	C = 1000+D	9
	47 = 1000 + 3n	9
	471-371 = 1000	5
	72 = 1000	3
	So the share of B is	5
	B = 2 (1000) = 2000	5
-	Share of B & = Rs. 2000.	5
	The state of the s	
	(Section A)	3
	Q. Nb. 2	3
	(a)	3
	RAM and ROM	%
	RAM is random access memory	£ +
	It stokes data temperanty	
	Charles and the control of the contr	+
	ROM is Read only memory	
	It stores data permanently	+
		3
<u></u>	GPS and GIS	7
	GPS is the global positioning System	7
	9t is used in satellite for the information access	7
		7
		1
		The state of the s

9		
8	GIS is geographic information System	
4	It provides information such as images, statics of a	-
٠	geographical grea	
v	Natural Satellite and Prificial Satellite	
<u> </u>	A Satellite which revolves around planets is called	prime.
	natural satellite	_
5 —	Moon the noutral Satellite of Earth	
3	A satellite which revolves in the space is called	yes i
-3-	artificial Satellite	_
3	Navigation and weather satellites	-
vi e	Byte and Nibble	and the state of t
3	Byte is a smallest storage unit	-
3	One byte is equal to 8 bits	-
3	\(\partial \tau \tau \tau \tau \tau \tau \tau \tau	
	Nibble is even smaller unit of Storage	
3	9t has 4 bits	-
3	(c)	100
	Vitagrim	
3	Vitaming are essential for the normal functioning	
3	and regulation of human body one thing	
3	is misurderstood about minerals is that they	
5	provide energy to the body They only help in	
\$) \$)	regulation of body functions-	
		7.7
		ngu ungun dha ngi ang Apin ungun

	Vitamins are classified into two types on the	
100 mg	basis of their solubility	3
	Sadio of the same	
	Water Soluble Vilamins	1 12 25
	Some vitamins are soluble in water, these	7
	are called water soluble vitamins.	
	such as vitamin B and C	5
	Fat Soluble Vilamins	5
	Some vitamins are non-polar in nature and are	9
	not soluble in water. These are soluble in fat	5
	and called fat soluble vitamins.	,9
	Vitamin P.D.E.K.	5
		7
	Vitamin A	7
	Vitamin A is also called Retinal	3
	9ts deficiency can cause night blindness	• •
	Ot is highly found in Golden nce	.5
	Vitamin B	7
	Vitamin B is complex Vitamin which is consists	>
	of Vitamin B1, B2, B3, B5, B6, B8, B9, B12	7
	These perform different functions	3
		•
	Vitamin C	3
	Vitamin C is also called as Ascorbic acid	5
,		-
		2

00		
3	Vitamin D	
7	This vitamin is produced when human skin	
9	is exposed to sunlight	
	It is highly found vitamin	•
3	Its deficiency can cause Rickets	
4	SIS ACTIVITIES CONT.	
=	Vitamin K	-
	Vitamin K is mostly use in clotting of blood	
4	It is present in green leaves vegetables	
4		
3	(d)	
3	Kidney is part of excretery system of human	Tark.
3	body It is use in the excretion of nitrogenous	-
3	and other wastes from the body	-
3	There are two kidney in our body Left Kidney	-
3	is slightly higher in position than right Kidney	
3	The shape of Kidney is similar to the bean	
3	shape The outer part of Kidney is called cortex.	· · ·
3	which are further consisted of millions of small	
.	tubules These tubules are called nephrons.	
Į	Nephroni	
3	Nephron is the structural and functional unit	
3	of Kidney. There prises a long tube and falls	
3	into the cup shape structure called Bowmin's	
3)	capsule From this there arises a long tube	
•		

	<i>€</i> .
which is divided into three parts	
Inner convoluted tubule - Proximal tubule	•
Long U shape structure - Loop of Henle Outer convoluted tubule - Distal tubule	
The distal tubule enter into a duct called the	
forms a popus glomerulas. This enters into the	
proximal tubule, loop of bence and distal tubule	
by forming a network of anterios called penpher artnes.	al
Functions and Working	
Of taxes place through three process Plosorption	
Blood and other things are absorbed here in the	
glomerulus due to high pressure while proteins fats large and other Salts are filter which ente	
into the proximal part of the naphron	
Reabsorption	
Here nater, salts and some minerals are reals	A CA
tubule and then separated.	1
	A
	*

Seperation Nitrogenous unstes are removed through the distal tubule The waste enter into the proximal tuble and filter here and thus in turns enter into the pelvis. After through the pelvis, these wastes come into the wreter through tubules and otore in the yrenary bladder and finally Secretes out through wrething Q. No. 4 Solid waste Management Solid unste management is a process for dumping the sold sosie through techniques these techniques are midely used all around the world for waite management. A complete network is required for proper management On such network labor, vebile, site for dumping all corry necessary importance. some important techniques are gives as Landfill Burning Incorceration

	Ø
Recycling	(4)
Landfill	
In this method a proper site is required which	6
fresh water sources - A big Vent is digged	1
aut and the waste is filled in it After the	
filling of hole it is again covered with mud this method is not proper and is not	
widely used in SMM.	
Burning	
out But some materials and products are	
haimful and produces toxic smoke, which then	
So the direct burning in the atmosphere is	W.
avoided	
Incorreration	
of Solid waste But here control burning takes	₩ ₩
place the Specific temperature range is required	•
for different types of waste this method is	
quite better and is significantly used all around the world.	*
	*

Recycling In this method, some solid moste is reguled through various techniques such as plastic materials are reupled in this method these recycled products can be used again this is environment friendly.