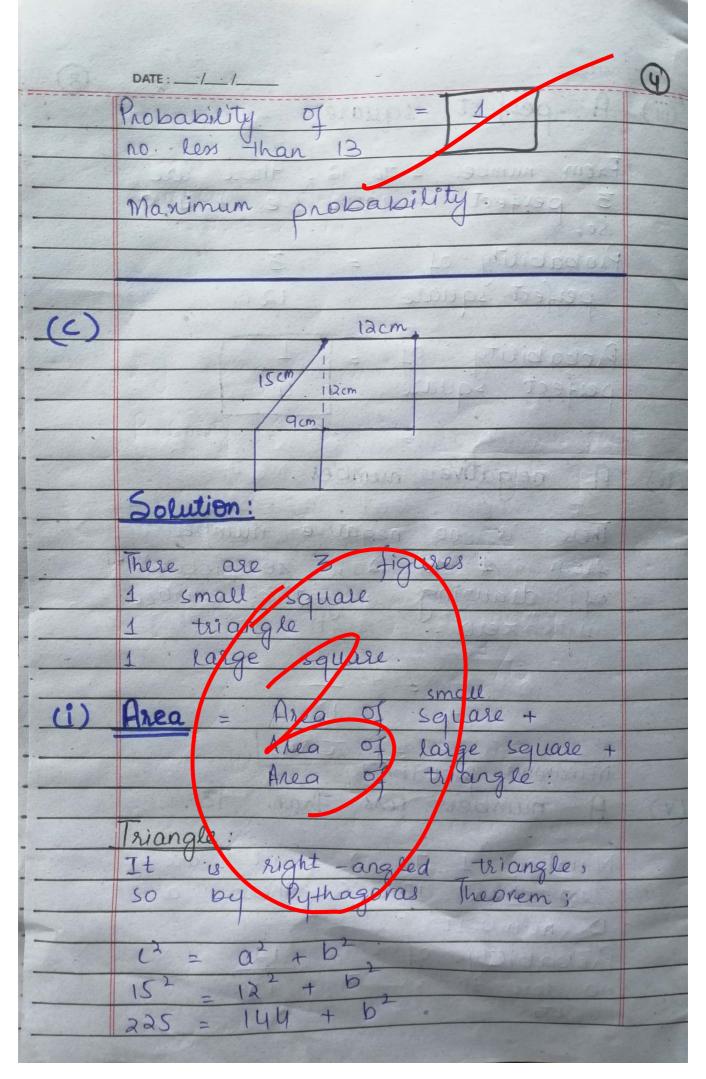
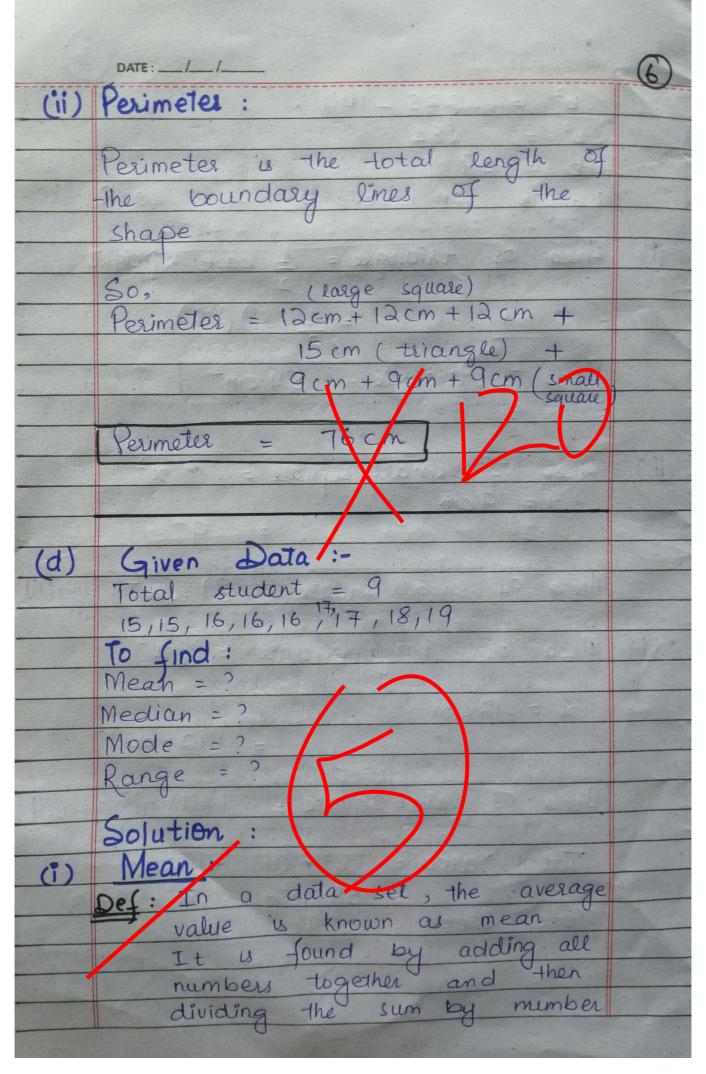


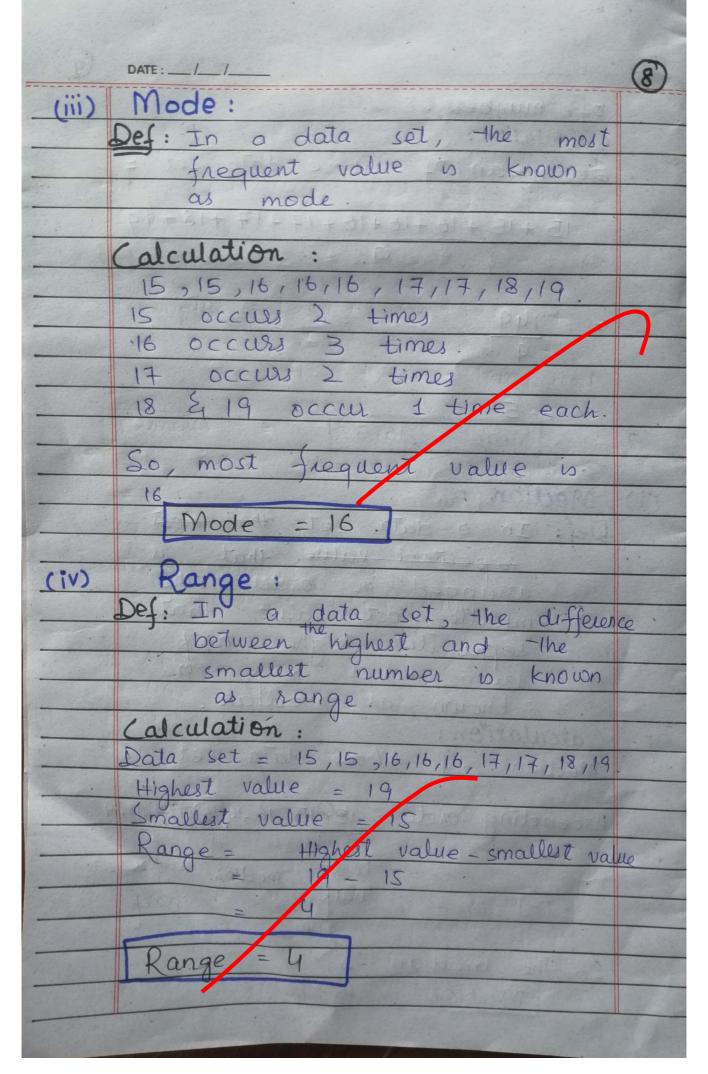
	DATE://
(iii)	A perfect square:
	From number 1 to 12, there are 3 perfect squares 1-e 1, 4, 9 50, Probability of = 5
	perfect square 12
	Probability of = 1 perfect square y
(9V)	A negative number.
	There is no negative number from 1 to 12, so probability of drawing regative number is "zero".
	= 12 12 Minimum probability
(v)	A number less than 13.
	Number 1 to 12, all are less than 13, so, there are 12 numbers. Probability of 12
	no less than = 12



181 ength can never triangle = 1 base x height triangle = 54 cm2 threa of small square -(ii small square = (iii) Area of large square x = 12cm 12 cm large square = Total area = Total area



of numbers. Calculation: So, mean of above data set = 15 + 15 + 16 + 16 + 16 + 17 + 17 + 18 + 19 = 149 = 16.5 (ii) Median: Def: In a data set, the most repeated value that is arranged in order, The middle most value that separales higher half is known as median Calculation: Median of above data set: Ascending order = 15, 15, 16, 16, 16, 17, 17, 18, 19. lower median. higher halk So, the median is 16. Median = 16.



Given Data :-Total seats = 400 Occupied seats = 325 -1. age of attendence = ? formula: L'affendence at a seats x 100 seats 81.25 %. , the to attendance at a percent of 81.25 V. capacity

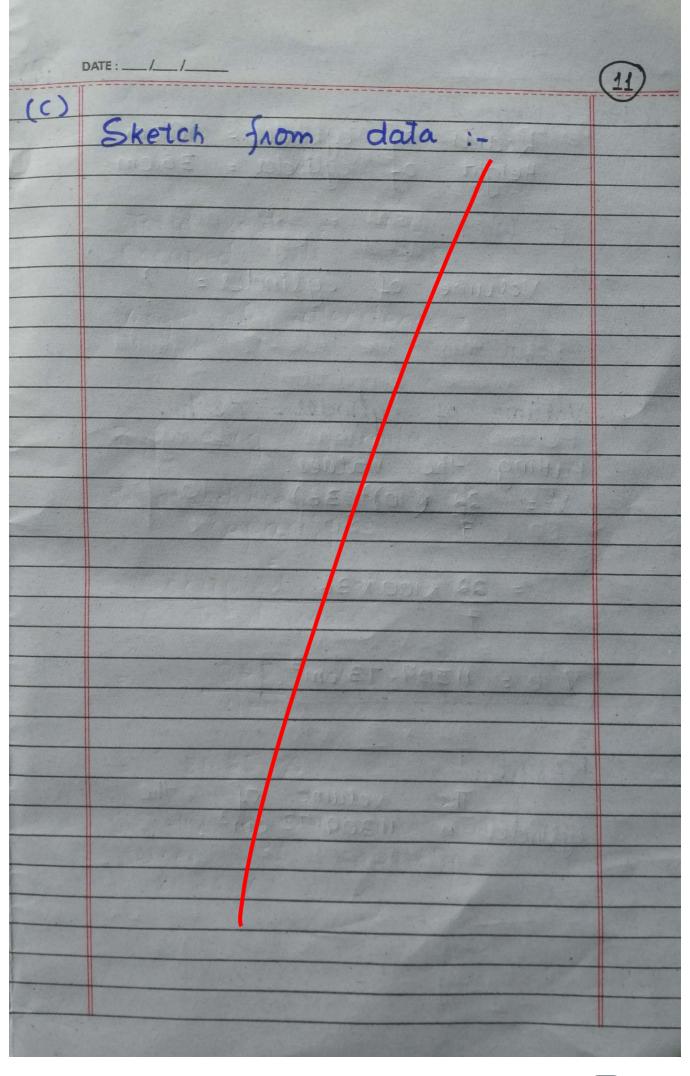
b) Given Data:Persons = 30, sugas = 40 kg days = 10. Persons = 80, signs = 320 days = ? Solution: Let the no of unknown days = 21

For this we use the formula of inverse proportion; Sugar Days. Persons 320 80 of days = 30. Sesylt:

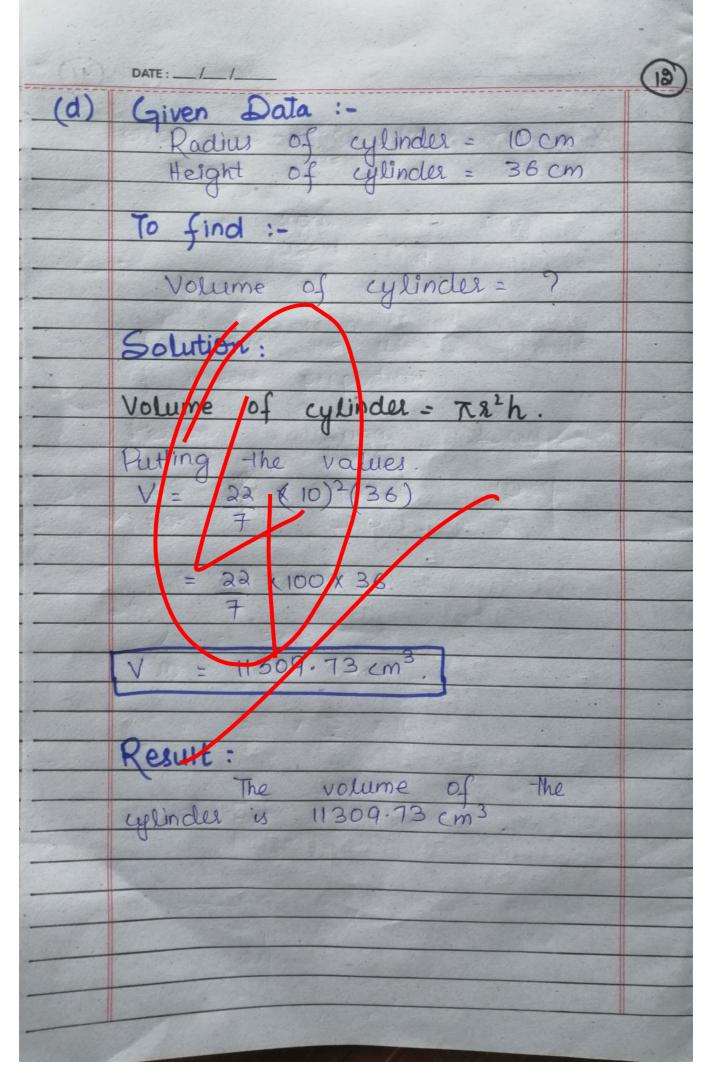
50, 320 kg sugar is enough

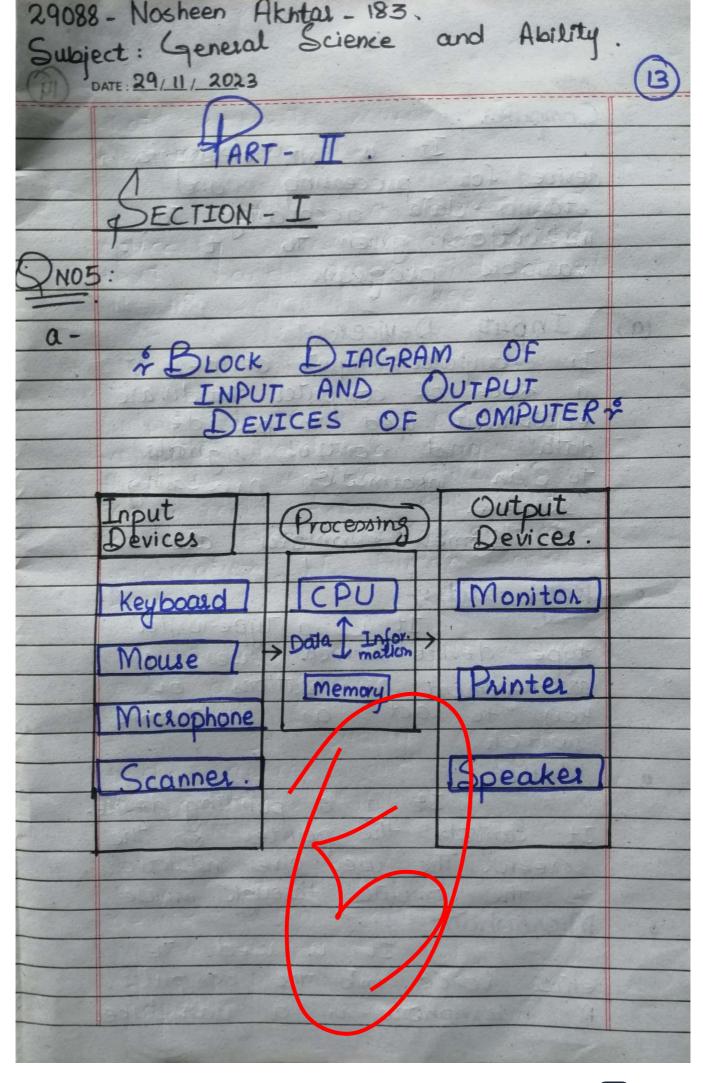
for 80 persons usage for

30 days

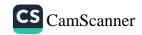




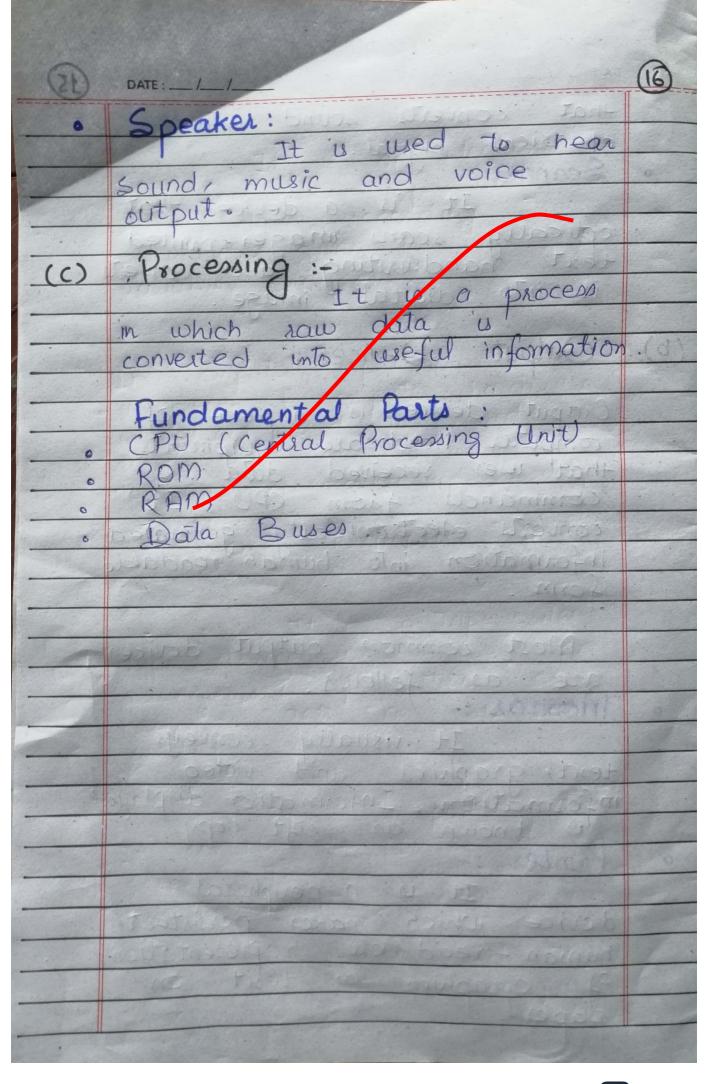








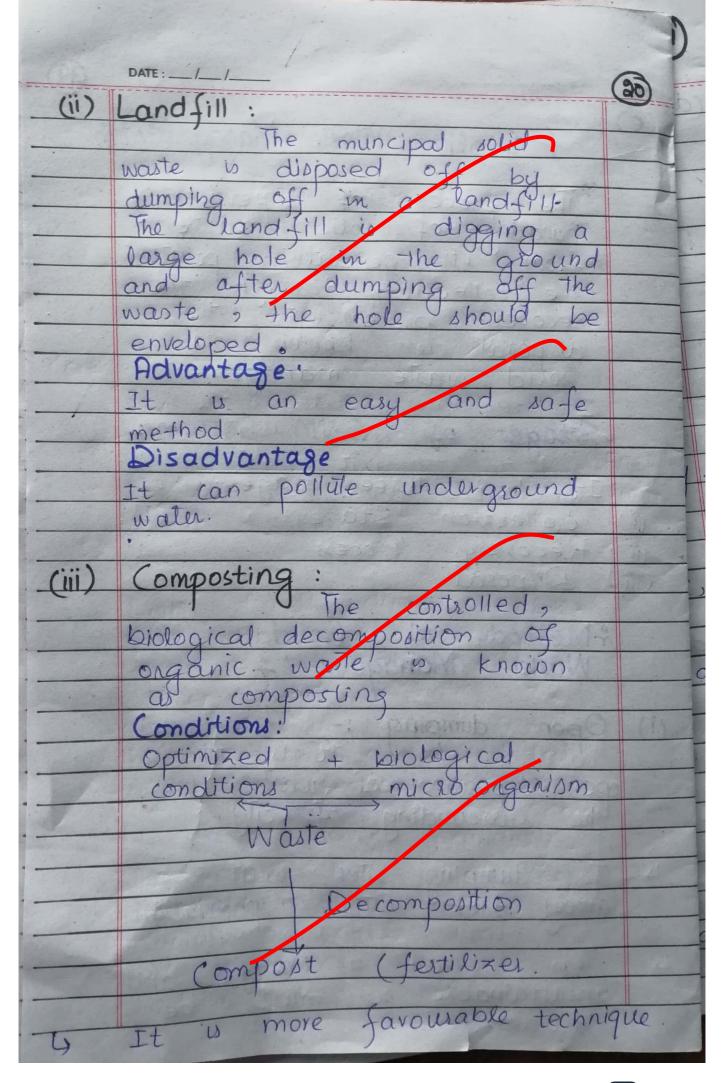
4	DATE://	
		(32)
	that converts sound into	
	electrical signal	
•	Scanner:- It is a device that	
	optically scans images, printed	
	text handwriting and convert it into digital image.	
	re me agrea mage.	
(b)	Output Devices:	
	Capac Series.	
	Output device is a piece of	
	computer hardware quipment	
	that wer received data &	,
	commands from CPU. I't	
	converts electronically generated	
	information into human readable	
	form.	
	part and putout day	
	Most common output devices	
	monitos:	
0	It visually conveys	
	text, graphies and video	
	in Comation Information displayer	1
	information. Information displayer is known as soft copy!	
0	Printer:-	
	It is nesignosal	
	device which makes persistent	
	human - readable representation	
	human-readable representation of graphics or text on paper.	
	paper.	



	DATE://	(7)
(b)	BRANT ANDROOM LAY PROBEDIANT	
	Optics:	
	Def: "The branch of science	
	that deals with study	
	of properties of light	
	and its effect and.	
	its propagation is, known as optics.	
	Optical Fibres:-	21Q j
	In telecommunication, the	
	Strands of glass that are	
7920	from one point to another one known as optical fibres.	
1	are known as optical fibres.	
	- Company of the Comp	()
	Parts of Optical Fibros:	
	There are two main parts of	
	optical fibers	
(1)	it is the central part	
,	having high density and	
	high refractive index.	
.00\	C 14150	
(ii)	Cladding: It surrounds the	
	core and have low density	
	and low refractive index.	

Principle: Total Internal Reflection Diagram: Core Core Light trovels down a fiber- optic cable by bouncing repeatedly off the walls. When light is hitting the gloss at an angle greater than critical angle, total internal reflection occurs. Total internal reflection occurs at core: fladding boundary. The other thing that keeps the light inside cable is structure of cable that is made up of core & cladding.		DATE:/	(8)
Core Core		& Working of Optical +ibers	r
Core Core		Principle: Total Internal Reflection	
Core Emerging light		Diagram:	
Light travels down a fiber- optic cable by bouncing repeatedly off the walls. When light is hitting the glass at an angle greater than critical angle, total internal societies.		Glam. cladeln	
Light travels down a fiber- optic cable by bouncing repeatedly off the walls. When light is hitting the glass at an angle greater than critical angle, total	Core		1.
Light travels down a fiber- optic cable by bouncing repeatedly off the walls. When light is hitting the glass at an angle greater than critical angle, total			}
Light travels down a fiber- optic cable by bouncing repeatedly off the walls. When light is hitting the glass at an angle greater than critical angle, total		The second of th	Emerging light.
Light travels down a fiber- optic cable by bouncing repeatedly off the walls. When light is hitting the glass at an angle greater than critical angle, total		rtoght.	0
internal sollation		light travels down a librar	
internal sollation		repeatedly off the walls.	
internal sollation		When light is hitting the glass at an angle greater	
Total internal replection occurs at core-cladding boundary. The other thing that keeps the light inside cable is structure of cable that is made up of core & cladding.		integnal sacilities, lotal	
The other thing that keeps the light inside cable is structure of cable that is made up of core & cladding.		at core- cladding boundary.	
structure of cable that is made up of core &		The other thing that keeps the light inside cable	
cladding!		structure of cable that is	
		cladding!	

	DATE://	(9)
(c)	* Solid Waste Management	
	4 5000 Viasie Wanagement	
	The process of supervised	
	from its generation points	
	i e collection through the	
	secovery process upto the	
	solid baite management.	
	SHOWN ASKIND WASKIND OF ALL THE	
	Stages of SWM System:	
	It has three stages:	
(9)	Lollection Stage	
(11)	Recovery Process	416
	*Methods of Solid Waste Management *	
	vousie menta	
(1)	Open dumping:	
	open deposition of waste in	
	the surrounding of city.	
4	The dumping sites must be	
	away from city & population.	
4		
7	This method is unsafe and unsustainable so must be	
	avoided.	



	DATE://	3
CVO	Incineration:	761
	The process of	
	burning of waste at high	
	temperature vorying 900 C	
	- 10,000°C .	
	the income that the control of	
	It is mostly used for hazardous waste like waste	
	in hospitalista, and alle	
0	Reduce the bulk volume.	
6	The heat of combustion	
	may be used to sun	
	tubine to produce electricity	
01)	Recycling of Waste:	
(V)	Recycling of Waste:	
	materials like paper, plastic,	
	aluminium etc should be	
	recycled on it saves	
/ 19	sources and lenergy and	
	are inexpensive to the	
	consumels.	(A)
(i)	Steps:	
(i)	Republishing	
(iii)	Transformation	
	Advantages:	
(i)	It reduces pollutants.	14.
(ii)	9t saves resources and	
	money.	

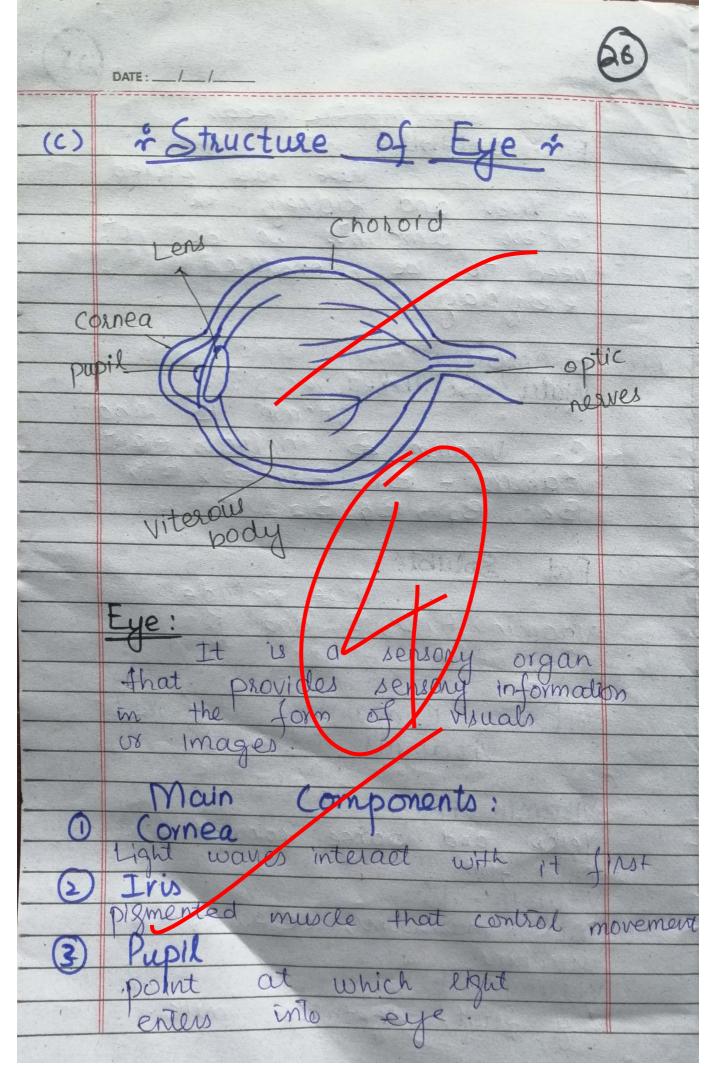


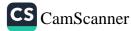
	DATE://
(d)	Distinguish GPS and GIS:
	TO CONTRACT AND
	on the following bases:
	on the following. Duses is
(1)	Definition and Key Uses:
	GPS:
	Global Positioning System
	(GPS) is a satellite based navigation system that
	enables users to determine
	Hois Porntion by receiving
	signal from Satellites in
	space - situation
	Geographic Information
	Geographic Information Suitem and vo used for
	accoing and generatial
	and wir of data ! It takes
	da about eutin's surface
	and process it into information.
A15.0	IAIn him
(ii)	GPS:-
	It works by localing
	nearby satellites that sends
	cionals to our devices. Then
	they use portuon of these
	location on earth.

GIS:- It is an important look well as scientists who study volcances and earthquakes. (iii) Uses:- GPS: It is wed to determine location, time, speed elevation etc. GIS! It we maps and coordinates to study the world. (iv) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that wes GPS for spatial analysis.			
used by civil enginees as well on scientists who study volcances and earthquakes. (iii) Uses:- GPS: It is used to determine location, time, speed elevation etc. GIS! It wer maps and coordinates to study the world. (iv) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that uses GPS for spatial analysis.		DATE:/	(33)
well on scientists who study volcances and earthquakes. (iii) Uses:- GPS: It is wed to determine location, time, speed elevation etc. GIS: It wes maps and coordinates to study the world. (iv) Tool: GPS: GPS:			4 7 3
well on scientists who study volcanoes and earthquakes. (iii) Uses:- (GPS: It we wed to determine location, time, speed elevation etc. (GIS: It was maps and coordinates to study the world. (IV) Tool: (GPS:			
earthquakes (iii) Uses:- GPS: It is wed to determine location, time, speed elevation etc: GIS! It uses maps and coordinates to study the would: (iv) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that uses GPS for spatial analysis.		wed by civil enginees as	(1)
(iii) Uses:- GPS: It is used to determine location, time, speed elevation etc. GIS: It uses maps and coordinates to study the world. (iv) Tool: GPS: GPS: GPS: GPS: GIS is a measuring equipment GIS: GIS is a science that uses GPS for spatial analysis.			
(iii) Uses:- GPS: It is used to determine location, time, speed elevation etc. GIS! It wes maps and coordinates to study the world. (iv) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that uses GPS for spatial analysis.			
It is used to determine location, time, speed elevation etc. GIS! It uses maps and coordinates to study the world. (IV) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that uses GPS for spatial analysis.		earling dates	
It is used to determine location, time, speed elevation etc. GIS! It uses maps and coordinates to study the world. (IV) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that uses GPS for spatial analysis.	(iii)	Uses:- Tool Millional	
it is wed to determine location, time, speed elevation etc. (IS: It was maps and coordinates to study the world. (IV) Tool: (GPS: GPS is a measuring equipment (GIS: GIS is a science that wes GPS for spatial analysis.			
etc. GIS: It wes maps and coordinates to study the world. (IV) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that wes GPS for spatial analysis.			
etc. GIS: It wes maps and coordinates to study the world. (IV) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that wes GPS for spatial analysis.		location, time, speed elevation	
it wes maps and coordinates to study the world. (iv) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that uses GPS for spatial analysis.			
coordinates to study the world. (iv) Tool: GPS: GPS is a measuring equipment GIS: GIS: GPS by a science that went GPS for spatial analysis.			
(iv) Tool: GPS: GPS is a measuring equipment GIS: GIS: Wes GPS for spatial analysis.		It wes maps and	
(iv) Tool: GPS: GPS is a measuring equipment GIS: GIS is a science that wes GPS for spatial analysis.			
GPS: GPS is a measuring equipment GIS is a science that uses GPS for spatial analysis.		WONIG.	
GPS: GPS is a measuring equipment GIS is a science that uses GPS for spatial analysis.	(IV)	Tool:	
equipment GIS is a measuring equipment GIS is a science that uses GPS for spatial analysis.	CO		
equipment GIS: GIS is a science that uses GPS for spatial analysis.		GPS is a measuring	
GIS is a science that uses GPS for spatial analysis.	4	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	
uses GPS for spatial analysis.			
Conclusion:		uses GPS for spatial analysis.	
Conclusion:			
most convent to			
most popular form of navigation due to its consistent and easy		due to its consistent and again)
to understand accuracy while		to understand accillation while	
GIS is used for geographical		GIS is used for geographical	
information.		information.	

	DATE://	(24)
QNO	2:	
	Distinguish between	
(b)	water-soluble and fat-	
	soluble vitamins:	
	100 to 1799	
	These can be distinguished	
	on following bases	
(0)	Definition: Water Soluble:	
	These are the	
	vitamins only soluble in	
	water	
	Fat - Soluble: These are the	
	vitamins only soluble in	
	fats.	
		ATT.
(ii)	Storage: Water Soluble	
	Water Soluble Time vitaming cann	nt
	be stored in the body.	C
	Fat Soluble:	
	These vitamins	
	can be stored in body.	
(iii)	Consumption:	
CIIIZ	water Soluble:	
	Foods that	
	contain these vitaimins should	
	be eaten daily to replenish	
		1

100	DATE:/	3
	Fat- Soluble:	
	in liver and kidneys in	
	excess amounts so do not need to be consumed everyday	
(11)	Examples: Water Soluble:	
	VHamin B and C- Vitamin B Instuden eight vitamins - B1, B2, B3, B5, B6, B7, B9, B12,	
	Fat Soluble: These include Vitamin A,D, E and K	
	Diels Containing different vitamins in	
	Vitamin A: Yellow and orange coloured food, milk, fish.	
- CUA.	Vitamin D: Milk, mushrooms, cereals, sunshine.	
783	Vitamin F: dry fruit, vegetables. milk.	





)	DATE: _/_/_
()	Lens reception of light waver.
(5)	Schera
6	Retina It has cons and rods that are photoreceptors
(1)	Optic Newe It picks the image from retina towards brain.
	Aqueous humous It provides nutrients and gases
(a) (b)	Viterous hummed 9t is inside the ege and supply nutrients.
nevi	

