Day Dos and Don'ts for Generaral Science & Ability Date: vou'Ve done well know that owiegge is one thing and impager according to what's as Mockis Tanother. There are a few things I ighlight would like to BN02: art requires at least 2 and at en Know that there can auestion and their intrapeks are living ed according address all seicht then in tius mann meen tation Forcus a time managem new ou get 35 chosinities delection con englis stion and about 8 brook en alivranage your time inderweight st plaper is <del>jand di</del> dia grams developing requiriting out and writing and eneal with common overwriting. and your grammar. olanation for tanalytikal ability o wards. You need that a 5 mark part regaines all steps written and explained Good luck for CSS 2025. You're gonna rock in **CS** CamScanner sha Allah.:)

The state of the s	Day:	
	insecurity and economic inequality.	
	menty posts of the rook of people	
	In many parts of the world' people cannot afford a balanced diet rich	
	in exception nutriento such as 4	_
	vitamins norminerals and protein	8
	V1(101101-1)	_
2-	Disease and injection:	-
	Illness and injections trigger the	
	malnutrition by reducing appetite,	
	impaising nutrient absorption, of	•
	iniscorio on body's intrient needs.	
	For example, distributed disease can	
	lead to the coss of essential	
	head to the cos of essential nutrients from the body, while chronic	
	injections like HEV/ADDS and TB	
	can increase body demands for	
	nutrients.	
3-	Poor Maternal nutrients:	
	Pour Maternal Malnutution during pregnance	ч
17	can have serious consequences for both	U
	the mother and the child. Poor maternal	
	nutrition can lead to low birth light	
	which increases the prisk of infant	
	nutrition can lead to low birth ight which increases the risk of infant mortality and stude sturted growth.	
4-	Environmental factors:	
	Natural disaster, conflicts and	
	dimale change can disrupt food	
	production and access, leading to	4
	malnutsition. For examples droughts can	
51		

	Day: Date:	
	soduce expt yields while contlicts	
	seduce exop yields, while conflicts can displace populations and disrupt food supply chains.	
	food supply chains.	
	•	
	Consequences of Malnutrition Health impact:	
)	Health impact:	
	Malnutation weakons the imprise	
	system, making individuals more suspecti	Le
	system, making individuals more suspections and diseases, Children	
	with matriulition are more likely to	
	suffer from frequent illneuse and	
	have a higher six of mostality In addition, malnutrition can	
	In addition, malnutrition can	
	lead to a long-term health problem such as anemia osteoporosis and thronic diseases like trabeles and heart disease.	
	such as anemia osteopososis and	
	Chronic diseases like dissetes and	
	heart disease.	
	<b>y</b> ,	
2)	Congrative impairment:	
	Malnutrition during critical periods	
	of development such as onjancy and	
	early child childhood can impair brain	
	development and congnitive function. This	
	con result in poor academic	
	performance, and reduced congnitive abilities and lower par prati productivity	
	in a dulthand	

in adulthood.

The second secon	Day: Date:	
3)	Economic burden:	a target of the layer of the layer
	Mainary in proposes a significant	
	economic busden on societies. It leads	
	to reduced productivity, increased	
	healthcase costs and perpetuates the	
-	cycle of poverty. Mal nourished	
	individuals are less likely to be	
	able to work, and they are more	
	likely to be able to work, and	
	they are more likely to rquire	
	medical care, placing a strain	
	on healthcare systems.	
4)	5 1 14 . 0 .	
7	Increased Mostality Rates.	
	Walnutrition, particularly in children	
	and pregnant women, increases the	
	Malnutrition, particularly in children and pregnant women, increases the sisk of cleath According to the world Health Drganization (WH), malnutrition is a rain contributor	
	world Health Organization (WHO),	
	malnutrition is a rajor contributor	
	to child mortality, with millions of children cying each year from causes related - undernutrition	
	children cying each year from causes	
	related - undernutration	
		19-3

Day: Date: Difference between Food contamination Aduteration contamination sefees unintended hazenfu that can can be biological or physical Bidggical contammants Chemical Contaminants, include accumulate in food due to envisonmental pollution izet include beigns objects. such as glass. that may accidentally processing contamination can occurr at example introduce harmful microorganisms in to the food food contamination is often

	Day:	Date:
_	accide	ne inadequate storage, or improper
	Cooki	ne inadequate storage, or impropa
-	rood	Aduteration:
	100	adulteration, on the other hand,
	15 Ale	delibrate addition of injerior
	osdes	to increase quantity, reduce
	costs	or deceive consumers. Adulteration
	is on	form of food fraud that
	& com	compromise the safety quality
	and	authenticity of food products.
	commo	n examples of food adulteration
	is ad	ding water to milk, mixing
	cheaper	sils with more expensive
	ones,	or adding artificial
	colouis	and flavors to disguise quality ingredients
	pool	quality ingredients
		D1412 2004 20
-5	Key	Differences:
<del>-1)</del>	Ent	prime y difference between
	1 m tarm	unation and adulteration lies
	1 2 2	AIO MA
	acciden	ital but while food abulteration
	e in	ntional
2)	T	m health:
	o U	Lavo the minter their
	A	haman health but
	de do o	rdulteration of ten modues the

	Day: Date:	
	delibrate addition of harmful et	1
	delibrate addition of harmful et cubstances muking it potentially more	-
	dangesous.	encompagness and
(1)	what are computer bures.	Taking and a second
	computer buses are the communication	Accession to the second
	systems which transfere data between	
1	different components of a compile	
	or between computers buses of an	
	parallel lines or white that a control	
	parallel lines or wise that	
	simals.	
	There are three rain Types of	_
	700 0	
4	Date has the Cur fat consider actual	-
	being processed by PU.	The second secon
2	Add & bus: It car is many addresses	
	that CPV uses to licate ata in	
	memory	
3	control Bus: It carries control signals	
	that manage various operations within computers.	
· .		
	Difference between RAM and	
	Difference between RAM and ROM:	
	Type of Memory. RAM is a Type of volatile	
	RAM is a type of volarice	province model as well as
	memory, meaning that it loses all stored dath when the power	
	is turned off)	Accession for the Company of the Com
	13 141	NAME OF THE OWNER OWNER OF THE OWNER

Day:\_ Date:\_\_ on the other hand, ROM is not a type of nonvolatile encourage meaning of Dit relains data venen if the Function: RAM is used for the temporary Storage of data while ROM is for permoment data RAM is faster than most other

Types of memories white ROM is

slower than RARPH because it
is not designed for rapid aluta
access but for reliability and Stability. DAM is used for sunning applications and the temporry 2. While ROM is used operating Aystem ge. While ROM rmware, bootloaders and to store ystem inskuctions that Janction

Day:\_ Date:\_ Geostationary satellites satellites Geostationary satellite Shat the same sotational speed itself This salellites appear Stational the to a fixed relative surface. They orbils the esuator at approximately 35,746 km This particular orbit is known geostationary 68 bits. Satellites are Common salellite used television radio services. They inkrnet consistent Provide uniterrupted communication stations Difference between Natural and satellites. Satellites . Natural satellites are ne celectral planet. hodies that orbit a naturally relestial cody without mother The . intervencion human a natural example satellite which orbits

amScanner

Day: Date: satellikes Natinal nesses ual stellites Augal in Irregular have ol may orbits exam moons rtifical satelites Astificial satellites are mon made intentionally daced into a Eas th rom scien ific easch 20 ation designeo Adifici sateuries services System 2081 tioning global observin satellites water space delescopes Catallites

The same of the sa	Date:	
		Seminative Co. in regions and the seminative co.
DINE	Star what is Radioactivity	
	Radioactivity is a process by which	
	unstable atomic nuclei spontaneously	
	decay emitting radiation in the form	7 -
	of particles or electromagnetic wayes	
-	This decay occurs because certain	
	asmic nuclei are not stable and oin order to achieve stability, they	_
	receive orients in the emiliar	
	radiations can obe in the form	
	of alpha particles (x), beta	_
	particles (B) or gamma says	4)
	partitles (B) or gamma says ( RIt is a natural phenomenon, but can also be induced	
	but can also be induced	
	artificially.	
	' U	
	Difference between Natural and	
	Difference between Natural and astificial Radioactivity.	
	Natural Radioactivity Artificial Radioa	ctivity
Definition		
0	emission of the induced by human	
	radiation by naturally invention through nuc	lear
	occuring isotopes. peaching	
	0 9	
Examples	: Vrangum -238, Carbon-14,	
Charges .	Radium - 226 Lodine - 131	
	· · · · · · · · · · · · · · · · · · ·	
Del andre	e: It is fund naturally It is produced in	he
DILLILIEN		1
	Teg rocks, soil, water) and particle accelerate	2.2
	1 19 70003,5011, was 1 was provide according	
	[2] [18] [18] [18] [18] [18] [18] [18] [18	

I	Day: Date:	
	formation of through Stable elements with cosmic interactions neutrons or other	ding h particles
	It occurs sportaneously Enduced through neithout the external intervention, such a influence.	uman
	Naturally occurring, very for medicano specific purpose diagnostics, treating	al unt,
control	industrial application and research  Uncontrollable, random controllable and	
Town orth	de eay can be tailored specific uses.	
	Contributes to background can le controlled sadiation le d seques es es apult neut nagement to	
safety	Generally low sizes, equires strict safe sas it is a part of reasures to preve natural backs and acceptance in course and	ty no
	radicit m contamination	

	Day: Date:	
(P)	What is Polio?	Marie Co.
	Tolio or poliomyelitis is a highly	_
	infectious disease caused by the	-
	poliovisus. It primarily affects young children and can blead	-
	young children and can't lead	_
	to paralysis, muscle weakness	_
	and in severe cases, death. The	_
	virus primarily spreads through	-
	the fecal oral route and can	
	affect the nervous system, particularly. The spinal coed leading to muscle atsophy and permanent disability.	-
	attant and leading to muscle	_
	trophy and permanent disability.	-
	Symptoms of Palsa.	
	Symptoms of Polio:	-
	The symptome of Polin can be.	
	The symptons of Polio con be categorized into three Stages:	2
		-
0	Non paralytic:	
	Fever, Latique, hearache, Sore throat,	
	Vomiting stiffies in the neck	
	and back Muscle pain and	
	tenderness are the mitial	
	systems polio.	
	0 11: 001	
(2)	Paralytic Polio.	,
	loss of reflexes, severe mustle pain	i
	or weakness, facuids, breathing	
	Conference (	
	it severe cases.	

	Day:	
3)	Post - polio	
	The can occur years after recovery	
	and includes symptoms like	
	musele weakness, fatigue, and joint	
	pain.	
	Causes of Spreading.	
	January.	
1)	Pool sabitation:	
	In areas with inadequate	_
	Sanitation, the virus can spread	
	through contaminated water sources	
	or good.	
2)	Close contact	
-	The visus can stread through direct contact with an infected person,	
-	contact with an infected person,	-,
	ex especially of crowds sivilaries	<b>A</b>
2)	oral tronsmission:	
4	In rare cases, polio can spread The	ugh
	is al contact with respiratory droplets	
	of the salvia stiliva from on	
	injected person.	
	t of impounization	Commence of the Commence of th
4)	Lack of immunization Communities with low cuination	
	sates at a ligher risk of	
	[14]	
	polio.	
-		

	Day:	-
	Prevention:	4
	Preventing polio involves late	,
	improved hygiene and ensuring wides pread vaccination. Key	
	widespread vaccination. Key	
	preventire measures include:	
0	Improved Sanitation:	
	Englishe acces to the	
	Ensuring access to clean water,	
	proper sewage systems and good	
	hygiene practices (e.g handwashing) helps reduce the risk of injection.	
2)	Avoiding contact: Areas where polio still	
	Areas where polio still	
	prevalent, minimizing dart with	
	infected individuals can help.	_
	seduced the rich of transmission,	_
	0	
3)	Vaccination Compaigns: Ensuring that children and	
	Ensuring that children and	
	adults in at-risk areas are	
	the spread of virus.	
	the spread of virus.	
	Polio Vaccines:	
	There are two types of vaccines	
	Inactivated Polio Vaccine and (1 PV) and	
	Oral Polio Vaccine (DPV). IPV	
	given as an injection in leg or ain	_
	depending on age. OPV & taken	
	depending on age. OPV is taken	
		_

, U	ay:	
(0)	Steps in Solid waste management	
1-	waste Generation:	
	walle is created from viring	
	Lousees like homes, businesses and	
	industries Reducing waste at the	
	laure below lessen the order	
	on waste management systems.	
2-	vaste ollection	
	was gattered from where m	
	is penerated, thicient collection	
	is jenerated, thicant collection  one ensure their wash	
	picked up regularly an safely.	
3.	Waste Transportation	
WK.	The collected is transported	
	to expressing of disposal sites. Proper	
The May	1 1 PANITO IN THE PANITON OF	
	impact and prevents health hazards	
4-	waste sorting:	-
	waste is separated into categories like	
	recyclables, compostables, and non-	-
	secyclables. This helps in recycling	·
	waste sorting:  waste is separated into categories like recyclables, compostables, and non- secyclables. This helps in recycling useful materials and managing	
	different Types of waste appropriate	ly.
	$\alpha$	<u>V</u>
5-	waste Treatment:	
	waste is processed to seduced its	
	volume of make It less humber	
	eg composting organic waste	
		11

I	Day:	Date:	
6-	waste Disposal.		The Control of the Co
	Residual wante that	connot	
	serycled of composed is in Candfills of hungh Proper disposal mentod	reposed of	
	in Candfills of Grough	maineration	
	Proper disposal method	are cruci	af
	to prevent pollution.		
	Monitory Montoring and co	· ·	
	Regular Monitoring en ur	es that waste	
	mmagement practices are	effective	
	It helps in identifying a ldressing issues promp	egwartons.	
	It helps in identifying	Al.	-
	aldressing issues promp	ary .	
	Marian		
New York Control of the Control of t	Main issues:		
	De des che indractive	70A0.	
U	Prodequate infrastruct Many areas lack the no	occioni	-
	Many areas cache the ru	cessing	-
5016	paulities for effective we management leading to and environmental problem	ino Williamile	8
4-30	management leading (	Inni W	
	and envisorimental procoi	9,12	
	with I could at and con	MORSHAM	
1)	limited recycling and con	I compostin	•
	Insufficient recycling and facilities result in value	able material	1
	being wasted and organi	ic waste	
	being wasted and sills.		
	contributing to landfills.		
	Rapid Urbanization:		
3)	generation faster than	occase waste	
	Growing Popular fran	the capaci	ly
	generari ori justi		4
			-

	Date:	
	of waste management systems, causing Ustrain on existing information cand	
	Ustrain on existing information cand	
41	lack of Public Avareness:	
_9	Mary people are not well informed about proper waste management	
	bout proper waste management	
	practices leading to low security	
	rates and improper disposal.	
-	Mond Dumpin 9:	
5/	Megal Dumping: Waste is often tumped in	
	multipaized places, causing	
	nauthorized places, causing and how	
	realth risks.	
6)	Financial Constraints:	
	cimited junds affect the ability to improve waste management	
	6 improve waste management	,
30.0	nfrastructure and services.	
	V	
1)	Health and Environmental Risks:	
	Poor management can lead to	
	pollution and houlth issues such	
	as water contamination and	
	air pollution for from burning	
	waste.	

	Day:
(d)	Population Planning:  Population planning:  Population planning seters to the distages and policies implemented by Governments or againstations to
	Population planning source 1
	esategos and policies inversely
. ·	by governments or againstions to
	mange and influence population
	growth and distribution. It aims
	to actieve a balance between
	population size and resources,
	ensuring sustainable development
	and Comproving quality of life.
pk. Lastra	Population planning encompasses
	various aspects such as family
	planning, education, health services
	various aspects such as family planning, education, health services and economic policies to notice
	buth sates, manage migration and
	address demographic challenge
	Benefits.
1)	Sustainable Resource Management  By manazing population grown  Resources cach as food water,  and energy can be used more  officiently effectly. It reduces  the fish of resource depletion and  environmental degradation,  apposting long term sustain abutity.
	By manazing population grown
	resources such as good, water,
r <mark>est</mark>	and energy can be used more
17 17 17	afficiently Tt seduces
	the risk of resource deplet in and
	environmental degradation;
	apporting long term sustain ability.
	. // 0 0
2)	Improved quality of life.
	Improved quality of life: Enhances access to the education
	health case and other essential  Services , leading to better overall  well being.
	Services , leading to beller overall
	well being
	· ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '

THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	Day: Date:	
3)	Economic Stability and Growth:  It facilitales job eseations, reduces poverty and imports economic  Stability by aligning worleforce  supply with demand.	
	It facilitales job creation, reduces	PORTAGONIS AND
	poverly and exports economic	
	Stability syllaligning worleforce	
	suppy and demand.	
	Enanced Health outlomes:	
1100	Produce maternal and intent	
	mostality sales, prevents unwated	_
	mortality sates, prevents unwated pregnancies and improves overall health.	
	health.	
		-
5)	Beller education opportunities.  Increases education treatment	
	Increases education treatment	
	attainment, imploves literacy sales,	
	and fosters a more skitted	
	work-force	
	Section II.	
ONO 6	:	
	Given.	
	Initial enpolment = 850 pupils	
	New ensollment = 1125 pupils	
	D F Co i Hardin G	H 1 100
	Percentage increz = ttz. New - In (Initial	wind thise
	Diffial	
	No. 05	
		100
	(850)	
	400	
	= 1270 X100	
	CR50 1	

D:	ay:
	Percent ge increave = 0.318 x100
Ga (	31.8%
	S the ensellment increase
	by 817 87 31.8%. from January 2022
	to January 2023.
(b)	Man's age = x.
	Man's age = $x$ .  Son's age = $y$ .5 $x$ .
	x= 5y 7 (1) After
	2 years ago,
	22+12=114. there age was.
	$2   years ago,$ $2^{2}+y^{2}=114.   there age was.$ $(5y)^{2}+y^{2}=114.   (3(-2))   and   (5x-2)$
	(54)2 + 42= 114. (31-2) and (5x-2) 2542 + 42= 114. sespectively.
	2642=114
	y <sup>2</sup> =114)
	1 26
	(x-2)2+(5x0-2)=114.
	$\frac{(x-2)^2 + (5x6-2)^2 = 114}{x^2 - 4x + 4 + 25x^2 - 20x + 4 = 114}$
	26x-24x +8 \$(140.
	26x <sup>2</sup> 21x1-106=0.
	$\frac{26x^{2} - 12x - 106 = 0}{23x^{2} - 12x - 53 = 0}$

Day: Date:\_ (0) let The no. of heads are Then 2h+40 = 140. = 8444 Put c= 27 ineg bx h+27=48 22 26 hens and cows

	Day:
(d)	let assume that the car travelled
	total distance D=120 km.
	Then for a lst half of Journey &  distance D1 = 120 = 60km  2 2
	distance D = 120 = 60km
	40 2 2
	For 2nd half
	D, = D = bokm.
	2
	The time taken for 1st half
	The time total
	T = D, = 60km = 1.5 hours.
	T, = D, = 60km = 1.5 hours.  KpS1 Yokm/h  Time Taken for second half.
	G True for sound half:
	Time (aller) for second los
	Thomas I hour.
	To = D2 60km = 1 hour.
	52 bokm/h
	To Total time = 7, + T2 2 1.5+1
	= 70 tal time = 7, + 1, 2 1.5+1 = 2.5 hours.
	- Fis mones.
	Waxa V = Teal 1 stance
	voyg Voyg - Tal I stance total time.
	120
	2 12
	- 48 km/k
	7 10 KM
	The average speed of the car is
	The average speed of the car is 48 km/h
	48 km/h

D	ay:
THE RESERVE OF THE PARTY OF	27:
SIN	77:
40	let the number be x.
(0)	21 + 50 = 60
	6
	X + 200 2 60.
	21+300 = 60×6.
	X + 300 = 360
	x = 360-300
	N = 60.
	The number is 60.
	#
14)	
	By pythogoras theorem ?
	$(4c)^2 = (AB)^2 + (BC)^2$
	20m · D
	$(AC)^2 = (15)^2 + (20)^2$
	(AC) = 225+ 400.
7	$(AC)^{2} = 625$
	TAC = 25m
	Wence the distance my aries di ance
	from the top of the tower is
	)Cm.

STATE OF THE PERSON NAMED IN	Day:Date:
(d)	Tasiff mid for odd dates = Rs loca
	Tariff paid for odd dates = RS 1000. Tariff paid for ever dates = Rs 2000.
	First day stocks from 5th of month.
	let m = ouen days
	let m = even days.  k = odd days.
	2000 5093.
	So 1000k + 2000m = 30000 - 1(1)
Maria	
	Let n be the total number of
	days, the man stayed.
	If the number of days is even, then there would be a
	even, then there would be a
	one even date for each odd date
	then m=k.  equation Obecomes-
	1000 m
	1000 K + 2000 K = 30000
	3000 k = 30000
	Tk = logs
	so total number of days
	So total number of days
	If n is no of days he stayed
	Make
	Equation 1 be comes.
	1000 K + 200 (K+1) = 20000
	1000k+2000k+2000= 30000
	700k=30000-2000.
	3000kz 28000
	1 = 28000

	Day:	
300000	k= 9.67	And the second s
	( not a whole number, so this	
	case is Invaid)	
	Hence man stayed for 20 days in	
	the notel.	
(6)	Find the odd number out.	
	Difference between 16 and 8=8.	
	Difference between 24 and 1628.	
	Difference botween 34 and 24 210	
	Difference between 40 and +3426	
	Difference between 48 and 40 = 8	
	The different are mostly 8, except	
	for the difference between 24 and	10
	34 15 10 and 34 and 40 is 6.	
	This regularity indicates that	
	31 does not lit the general	
	pattern of differences.	
	Explain in words	
Forms Tone		