Dos and Don'ts for Generaral Science & Ability **Paper** Hi there, you've done well. Know that acquiring knowledge is one thing and reproducing it in paper accoording to what's G + caskednis another. There are after things I would like dorniehlight part regi s at least 2 and at max 3 sides of a paper a question and their marks are divided accordingly. So, address all Ansof the manner. 2. Rocus on time management. You get 35 minute morseine the duestion and about 8 ber 5 mark part. Manage your time You need to understand that your paper is supposed to look more scientific than retheoretical, So, add flowcharts and diagrams enwhere requiregued by following AmYour handwriting and neatness can be really impactful. Avoid cutting 5. Focus on your spellings and Here, in GSA there's no deduction in marks but your expression will definitely create an as compared to 2022 (156, In ability portion, give explanation for peanalytical ability question in words. You need to understand that a 5 mark part requires all steps written and explained. Good luck for CSS 2025. You're gonna rock in CamScanner CamScanner sha Allah.:)

DATE/	322
= 51.7%	
neverfore, in percentage increase	
in enrollment in final year is	
3-7%	
Walter County Control of the County C	
(b) A man is 5 times a old	
as his son, two years ago	
the sum of squares of their	
ages was 14, Find the	
present age of son.	
Answer: Since the ages of both	
- Lather and son are unknown,	
Let's assume that their current	
ages are F and S respectively	
Then according to given statement	
F = 55 _ 0	
But 9 years ago	
B+B D DD	
$(F-2)^2 + (S-2)^2 + (4-4)$	
putting the set of F in	
9 3	
$(55-2)^2+(5-2)^2=114$	
now mong formula	
now expanding above equation	-
by using formula (a-b)= a-2ab+b+	
2552-205+4+52-45+4=114	
After limplifying whole eg and the gel:	
then rearranging it we gel:	
$\frac{265^2 - 245 - 106}{2} = \frac{0}{2} = \frac{60}{2}$	
135-125-53=0-73	

- Using Guardratic formula	
- Using quadratic formula n = -b + 16- 4ac	
20	
Here $n = S$ $\alpha = 13$ $b = -12$	
3 3mb20 21gt	
$S = -(-12) \pm \sqrt{(-12)^2 - 4(13)(-53)}$	
2(13)	
= 12 + 1144 + 2756	
260	
= 12 t \(\sqrt{2900}	
The two possibilities has	
can be derive ave:	
S-12+53.8 S-12-53.8	
26	
= 65.8 = -41.8	
26	
St 2.5 S -1.7	
2 2 abriding eq. (2) by 2. 44 000	100
Since age can not be in	
negative, the only right	
negative, the only right ansever left is 2.5 yrs.	*
- Diffe Wit As I was a second	
(C) A man has some hers	
Burthy and six is a stall	
Answer: Given values :	
no of beads = 40	
no of feet = 140	
11 2 4 2 4 2 12 11	

DATE/
To find:
no. of hens = 2
Solution:
lets assume no of cows = n
and no. of hems = y
according to given statement total
no of heads are 48 and
cince each cow and hen
has me head:
$N+y=48 \rightarrow 0$
a de la
Similarly no. of feet given
nos 4 feet and each hen
has a therefore
4x + 24 = 104 - 2
dividing eq. 2 by 2 we get
2n+4=52 + 3
no subtracting eg Fron (3)
no subtracting egg from 3 2n + y = 52
$-x \pm y = \pm 48$
$\sqrt{10} = 4$
770-7
7=4
putting value of x in eg. 1
0 9 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
$4+y=48$ $y=48-4 \Rightarrow y=44$ Hence the man has 44 hens.
14 4 = 48-4 = 7 = 44
Trence the man has 44 hens.

DATE _	
(6	b A runs at a speed of
P	Inswer: Given values:
S ₁ S ₂	= Speed during 1st half of journey = 40 km/h = speed during 2nd half = 60 km/h
	To find: averge speed = Sang = ?
	Solution:
	The average speed can be
	found by using formula:
	average = sum of all values
	Total no. of values
	Sang = S1 + S2
	2
	= 40+60
	- 100
	5 wg = 50 km/h
	the average speed during whole
	journey was 50 km/h.
	and make dayliping off
	947 (a) A numbe is divided
	by 6 and added with 50. If the total is 60. Find the
	numbers
	MINOVIB
	Answer:

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	Giaren valego.	
	Let's assume the number	
	is N. Then, according	
	to given statement if	
	n is first divided by 6	
	and the appled into 50	
	we will got 60 which	
	means:	
	XO-2 COLE	
	W-6+50=60	
	1/5/5	
- 12	TO 10	
	1 +50 = 60	
* ~	rearranging above equations by	
-	moving numbers to one	
1	Side and keeping variable	
	on other:	
	n= 60-00	
	50	
	6 = 10 X 6	
	6	
	y = 60	
	The original number was	
	60.	
	LATELL HA ALL ON OUT	
	(b) Find the odd one out:	
	8,16,24,34,40,48	
	of the Areas	
	A company of the same of the s	

	DATE:/
	Answer:
	series it appears the a a pointry of multiples of 8 in order of
	series it appears the a powers
	of multiples of 8 in order of
	1 to 6 as:
	VI
	8x1 = 8
	8x2 = 16
	$8 \times 3 = 24$
	$8 \times 5 = 32$
	$8 \times C = 40$
	8 x 6 = 4
1	Company this payen with
	given series reveals
	out as is of a multiple
	out as is sot a multiple
	of 8.
	COA America is 15 to tour
	(C) A tower is 15 m tay
	Answer:
	height of tower = h=15m
	distance from base = S = 20
	Fr Hind: Assign didance 0-2
	To find: Aerial distance= a=?
	Solution:
	Gold Your.

	(d) In a hate the tarrif for every odd dates
	every odd dates
) comm't solve it can you
	Answer: please attach its solution Given values: my file?
	Given values:
	tarrif for odd dates = 1000
	tarrif for even dates = 2000
	Total payment made 2 30,000
	To find:
	No. of days he = ?
	Jayed .
	Solution.
The second second	If & actual prument is n
	then payment made on even dates is finite pade on dates
	isturce odd dates 2000
	payments en ande an enon
	dates = 120000 +
	Now lets assume the no. of
1000	add dates he stayed in
	hotel is or and no of
	even dates is b.
19	then $\Omega = \mathcal{U}$ and $b = 2\mathcal{N}$
	Solving eq. ()
	3x=30000
	raidis Conta 3 v 3 v 10 v 10 v 10 v 10 v 10
	n= 10000
	now the sument he made
	for south each kind of doles
	district and the second of the
	of Color some Section and Press Andrews 4
	The state of the s

(8	SECTION-I)
	<i>y</i>
942 (a): De	fine the term malnulrity
write	major causes and
conseq	juences of mainutrition
Answer:	
	: "A condition in which
	er amount of nutreints
, (vailable to human
Joody?	
U	
This impr	oper amount can be
either la	ick of nutrients availabili
needed 7	for proper functioning of
human k	ody or excessive
amount	ie more than needed.
Causes Add	proper info
	appropriate dietary choice
	od choices or unbalance
	increased amount of
nutrie	ent and not taking
other at a	ul san couse malnutrition
@ Low	o incomo:
Chi dren de	ing growing age need
a palaced	amount to grow well.
households with	low income are mable

(c) what a	re computer buses différential
pelmeen	RAM & ROM.
Answer:	
	ten buses:
	r buses are a computer
	it used to transfer
	between other components
of c	computer. I bus consist
of many	parraler lines with each
line	having carrying capacity
of :	1 61世.
salib vol	D o ī
(a) types	of Computer buses
1	Nata Bus
	or out of CPI) within
	one computer or between
Tunes	two computers.
Types V	Address Buses
Buses	·Transfer data between
Maria Maria	devices that are identified
Red auchins	by the hadware address
	of the physical memory
vo Liverano	Controlbus
	· Used by CPU to
	communicate with devices

(b) Differentiale 6/w food contamination & adulterations Ansager: Food contamination and be differentiated following bases @ Definition ood Adultration Food Contamination It refers to I refers to precence deliberate addition of harmful substances harmful or into food that may prohibited substance cause health risk 2 Nature Food adultration Food contamination is deliberate It is accidental and often due to done with improper handling intent to decieve customers and increase storage or hygine (3) Source Food contamination Food adultration. It can be more by poor sterilization useful nutrient from

food by manufacturess or

11	4 Health Risks
	Food Contamination Good adultration. Food contamination 9t may cause often results in food thealth issues borne illnesses or due to toxic toxic effects substances or deficiency of nutrients.
	5 Intent
	Food contamination Food Adultration It is unintentional It is intentional and accidental and motivated by a nomic or traudulent purposes.
	and adultration:
	end adultration: Presence of E. C. in vegetables due to improper washing is
	Presence of E. C. in vegetables
	Presence of E. Coli in vegetables due to improper washing is contamination. Mixing milk with water is

(C) What are computer buses differentiale between RAM & ROM. Answer: Computer buses: Computer buses are a comp component used to its year data between other component many parraller line having (a) Types of Computer buses Data Bus can transfer data into or out of CPU within one computer or between two computers. Address Buses · Transfer data between devices that are identified by the hadware address of the physical memory Controlbus · Used by CPD 05 Communicate with devices that are part of Same computer. through

Difference between RA	M and
Difference between RAI ROM:	Ladiu (3)
m Raid St ROM . I SEE	Saga Tool
RAM and ROM are tu	to types of
system memory.	111111111111111111111111111111111111111
Volat	ile memory
(- 1)	er capacity-speed
System Temp	perary memory
Memory	
Non-	- Volatile memory
Lower Lower	capacity + speed
	anent memory
Following are the ma	jor differences
between RAM & ROW	
RAM	ROM
Stands for: Random Access	Read Only
Memory	Memory
reserved and 12 Leging group	J
Definition: RAM is the	It is the
neviduare in a	hardware
computing device that	in computing
provides temporary	device containing
storage for or aling	boot-up instruction
system, Software programs	for the
and any data in current	computer.
Nature: Temporary i.e	Permanentie
can be modified,	can be read
erased or read	only and cannot
	be modified or
	Locano

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Use: Used by CPU wild by In different placess to bootst o torises current instructions the computer Volatility: Data of RAM 9th non- is very velotice; yestile: it will reference is interminent even after of power interruption of power (d) What are geo-stationary saleuiters Distinguish natural & artificial saleuites, how many extificial saleuites of Jupiter are there; Answer: Geo-Stationally saleuites: (Definition: Saleuites that axbit at		DATE/
Volatility: Data of RAM 9th non- is very volative; it will repeated to internation when after of power internation of power (d) What are geo-stationary saleuiters Distinguish natural & artificial sateuites, how many artificial sateuites of Jupiter are there? Answer: Geo-Stationary saleuites: O Definition: Sateuites that orbit at		use: Used by CPU wild by
Volatility: Data of RAM Your volative, Value: Is very volative, Value: It will remains the computer If their ls interment even after of power (d) What are geo-stationary saleuiters Distinguish natural & artificial saleuites, how many artificial saleuites of Jupiter are there. Answer: Geo-Stationary saleulites: Definition: Saleuites that orbit at	V. Carlotte	in distance process to postetion
is very volative, vatile: it will receased temain saved if their is intermed on even after of power interruption of power Of power Distinguish natural & artificial satellites, how many certificial satellites of Jupiter are there. Answer: Geo-Stationary Satellites: Definition: Satellites that orbit at		tomas current instructions the company
is very volative, vatile: it will recease temain sored if theire is intermed on even after of power interruption of power Distinguish natural & artificial satellites, how many certificial satellites of Jupiter are there. Answer: Geo-Stationally satellites: Definition: Satellites that orbit at		
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(d) What are geo-stationary Saleuiters Distinguish natural & artificial Saleuites, how many artificial Saleuites of Jupiter are therep Answer: Geo-Stationary Saleulites: Definition: Saleuites that orbit at		it will remain save
(d) What are geo-stationary saleuiters Distinguish natural & artificial Saleuites, how many artificial Saleuites of Jupiter are there. Answer: Geo-Stationary Saleuites: Definition: Saleuites that orbit at		if theire is intermedian even after
(d) What are geo-stationary Saleuiters Distinguish natural & artificial Saleuites, how many artificial Saleuites of Jupiter are there. Answer: Geo-Stationary Saleuites: Definition: Saleuites that orbit at		of power interruption
Distinguish natural & artificial Saterites, how many cutificial Saterites of Jupiter are there. Answer: Geo-Stationary Saterites: Definition: Saterites that orbit at		
Distinguish natural & artificial Saterites, how many cutificial Saterites of Jupiter are there. Answer: Geo-Stationary Saterites: Definition: Saterites that orbit at	-	
Distinguish natural & artificial Saterites, how many cutificial Saterites of Jupiter are there. Answer: Geo-Stationary Saterites: Definition: Saterites that orbit at		
Sateuites how many artificial Sateuites of Jupiter are there. Answer: Geo-Stationary Sateuites: Definition: Sateuites that orbit at		
Answer: Geo-Stationary Saiellites: Definition: Sateuites that orbit at		
Answer: Geo-Stationary Satellites: Definition: Satellites that orbit at		satellites, how many curtificial
Geo-Stationary Salellites: Definition: Saleuites that orbit at		saienites of Jupiter are there,
Geo-Stationary Salellites: Definition: Saleuites that orbit at		
1 Definition: Sateuites that orbit at		
Sateuites that orbit at		Geo-Stationary Salellites:
		an altitude of 36,000 km
with such a speed that it		
takes 34 hrs to complete one		takes 94 hrs to complete one
is equal Earth's xotational		
period moregove, these saleuites		
appear stationary from earth	10	
and hence the name geo-		and hence the name geo-
stationary. The whole surface of		stationary. The whole surface of
earth can be covered using 3		earth can be covered using 3

	geo-stationary sateuites. Each covers a los longitude of 120°.
	Orbital speed of geo-stationary
	Solellite: The orbital speed of geo-stationary
	Dittarance lestures Obital
	Difference between Orbital Artificial v/s Natural Saleuite:
	Saterites are the objects that
	revolve around planets or any another object. There are two
	different types of scattenites; Arfificial and Natural
	Saterlite. These two types differ on following basis:
8%	DA Natural satelliter exist naturally in space while
	built objects launched
	Den Afficial satellite is designed for a specific purpose like
	communication, weather monitoring
	navigation and research e.t.c. while a natural

	DATE://
	has no specific purpose and
	exist solely due to gravitational
	force.
	(3) Examples of natural satellites
	include moon's orbiting
	planes inile that of
	Artific d saleuites are
	GPS resonner Hubble space etc.
9	No. of Artificial saleuiter
	of Jupiter:
	Jupiter his no artifical
	satellite orbiting around it.
Rei	Carried .
	The state of the s
	100000000000000000000000000000000000000
	21 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	million de la companya della companya de la companya de la companya della company
	920 107 CF 0 0 / HOY ST 10 C