Dos and Don'ts for Generaral Science & Ability NavePaper pour copyled there, mouse the e-werk Know that ng knowledge is one thingcand in pager according to what's here are a few things I mical bonds? Discu why groms molecule least address all acus on time m magement, Stable molecule your paper is supposed to look more scientific than theoreticancs of addulloweharts and diagrams are joined eally impactful Avoid cutting and overwriting. 5aFOGUSCOPTOYOULGODE wostand your grammar. expression will definitely create an explanation for in words. You need anakwiee abilitwouestion Sometimes all Good luck for CSS 2025. You're gonna rock in **CS** CamScanner sha Allah.:)

Date:_ or Three election A water bord in woiter motoculus: porm conduct word believe AW aud two wydrogen atoms. Each one oxygen have ren attom sharet one electron with the oxygen own, resulting in two single explanate bonds. Onegen which has six electrons is outermust shell wires two addition electrons to out compete eight electron outermost sell. imilarly ouch ny vogen as need one lectron to complete atternost shell This grow yearent meterons necult in sent snape between in upwopen pitoms making The molecule polar H (b) what is Doping? Ducuss different types of ceramics? DOPINIGE it is The introduction of impurities into an intrinsic semiconductor material to modify its electrical properties. This process is used to increase the number of charge earniers WITHIN THE semiconductor. There are two types of deping. n-Eypl and pagel. In n-Eype doping elements with more valence electron than The semironaution like prospuores er argenic

===	Date:
	are added neven provides extra electrons and
	increase nyative charge conviers. In p-type
	doping, elements with yever valence electrons
	like boron or gallium are added creating
	holes' or positive change corners. This controlled
	alteration of electrical properties is risky for
	normal puntioning of electronic like
	diodu and transistors.
(1-7)	ceramics & A ceramic is anon metallic solid
	made up of early that were be
	snaped and Thun novdened by here's to nigh
	temperature it includes materials like prices
	plates etc.
	Types of ceramics based on Application:
	-Traditional revanies
	truy one primarily advanced ceramics & Non-day pased muterials
	made of way neved - Electroceramis Advanced structured
	muterials. + Electronic cevanics levanics.
	+ white waves + eapentors nuclear ceramice
	+ Structural clay Dielectoic Biocesant)
	Products. pierocieunic uvanis cripological
	-> Brick and Tiles -> magnetic armies (wear resissent ceranis)
	-> Abrasives -> option ceramics Automotive ceramics.
	-> Regractories conductive
	y concut y ceramics.
(0)	state some of the merit and Demerits of Glosof
	warning.
	Colonal warning: Global warming is The rise in
	CIONO WAITING . GIONO IN COMMINA

9 te: (4

	gate:(9)
	Acmosphere. it is one up the most important envior
	mental issues. There is a direct relationship between
	-een i averge level of cor in the mosphere
	and the verage ploual remperentume.
	no cito of Globa worning:
	some merits of Glodal warming are,
w	
	allowing for multiple harvest in some region.
(2)	
	Agriculture may become scretable you parming.
(3)	
	costs for house seds and hasiness activities in
	Colder my rons reducing energy consumption and
	expenses.
(4)	Higher level of con commutate plane growth, we will
	may increase one yield and bromass production.
	in certain aveas.
•	Demons of Glossel warming:
(1)	it increases average global imperature wasing
(2)	wenter and extreme weather events.
	High temperatures cause polor Le caps and glacus
3)	to melt concribating to vive real wel.
,	to more intense and prequent strong, drought and
	change in rainfall distribution in thing water
	supply and agriculture.
4)	Global warming can prai appet marine light due
	to increase in audification.
(1)	Global warning can expert biodiversity. changes is
(0)	climate and national loss can threeting species with
	extinction and disrupt elaystem.

gate:_____(5)

	· Juni
d).	inhart is polio? what are charrentes in evadication
	of polio in Palusian.
	police police or policyletis is a myn'y injection
	vival disease which mainly expect childrens, it
	is caused by poliovirus. The virus spreads directly
	from person to Person contact, by consoct with
	injuted mucous or phillim from the nost or mouth
	or by contact with injected person peaces. The
	Virus unions mough the mouth and nose and
	multiplies in The Throat and intestinal Track
	and then is assorbed and spread strongs we
	blood and Lympy system. The time from billy
	injuted with the virus to developing symptoms
	of disease, incuration period ranger from
	5-35 days (Average 7-14 days).
	enalleures per paulstan in Polio evadication.
(1)	specurity issues. polio evaluation exports are 1211
	in avera objected by conflict like
	apphan border - alon. Many numerous attacces
	had been with did on polio vaccination
	terms ording to desire and injuries. many
	it difficult to reach every wild.
ري	Misingermention and mistrust
	Mis information about the political including
	polse statements that it causes infercicity or
	ctur nearth issues leads to resistance amongst
	Communitées. some puoples in communetal
	besieves that the polic vaccine is against three
	euterne and relegious practice and stopping
	The way of vaccination.
(3)	paristan giverse geography including nemine and

Date:_ mountain areas make it dispicult to reach to every unit with vaccine. (4) Dimited hearth care ingrastructure means the routine immunication is low one thre is insuf--picient resources suppost polio vaccination. (5) Political instability can enough the privately of polio vaccination aswith can expect the contin-- with of vaccination. (6) Funding issues can also expert in polio velui exadication program in parcision. Q:4.4) write a with on Bile, pm: Biles- The liver produces bill which emulsiques parts and break them into droplets. Bille is Stored in Gall Godder composed of bile salte, bilrubin, endested, phospino lipids, electrosyth water. Bill plays in mount of and absorption of jats. when pood especially hater across entermed intering, The gall bladder release bill into a solenam. The bile Truice emulsign land par mole les into smaller droplets. signific ant y enviry in action of occurred engine The acception of par solubo also changes (A,D,E,R). Additionally Bill serves as a cholestral from the excretion of will be and excess - aus and entering the small into Time energy an optimal PH environment for intestral en yours to function. However, issues such as goll stores which from from bile compinents and conditions like undere resulting from excessive bullrubin can inc

problem win lattrobin by production or blow, impa -Tiny overou wealth and agestion. (e) Describe Ruce of reiducy in exercises mus: the eyes plants on important one in ex less my pritterity westers sos Tanus from broad This prices con nee steps. U pressure Vitration (2) Reamer PTIO 1) Tubular secretion. 11) presume priticular of your ortry carries que mood into undnesse. The arting divides to grierioles were one purious divides into Cappillarius of the glorerulous. when reaches The yeomerators a lot of materials water, salts, sugar and nitrugenous wastes and hiltered out into the Bown on's capalle our to high pressure and is easily pressent pretration. The pittered materials in in glommelus is called (2) Reabsortion: In quantular with 1 200 gurrate. Blood and plane protiens ene not med firtrail mans to the next upon 1-e renal tubule which unded by wood coppillaries. The useged currenter of the glumerales pirrout and oreubswined into 61000 empirilaries, some weiter and most of growse is leassorbed from the proximal Louvointed toball salt are remsorted from the wood of Henk while most of the mother is veres - sorbed from one distal convocated petale and collecting dut.

	gate:(8)
(%)	Eubular secretions when useful materials are
	abstible from glumendar pitrate
	into wood. some wonte material saits, hydrogen
	i'ons, uren etc) and again del from the wood
	cappillames to the melal tubule sies
	is called tubular secretion.
	After passing The about Three step The
	pittrail present in grenal pursule a called
	wint which moves from collecting lands to
	renal pelvis. From where it may to unin-
	-ary nicolder via ureter. Here is stored
	when The uninary bradder is filled with wrine
	in wrine is passed out money wrethra.
(0)	Discuss The sufferent methods of sould waste
	management.
m:	solid waste management involves the collection,
	Transment and disposal of solid wouse materials
	that are discarded as uselves or unwanted.
	Effective management is essential for environm-
	ental suspainability, public hearth and example
	efficiency. Certour methods are.
(1)	Cond piles: These are designated six por waste
	were the woute is burried is is the most
	common method of works dir road is new parts
-	eg the world. In this retund the waste is
	spread in layers, compacted and covered with soil.
	modern landgices are designed with uners and
	egitems to collect liquid and gas emission.
	larayeus is a low cost activity and can
	nandle larger volume y peasies.
	D

THE RESERVE AND ADDRESS OF THE PARTY.	gan:	
(2)	incineration. it involves burning wastes at	7
	myn temperatures to reduce its volume	
	and mws. In incinevation waste	
	ped into a jurnau or incinerator where	
	it is combusted the act general of can be used to produce election or head.	
	in a contra y This wind is segnificant	
	volver reduction a waste, may recovery	
	and reduction of narardous lastes. Disadvaniage	
	is things os TIY, cause air portion and ash	
	chisposal issals.	
125	Recycling: Recycling involves com entry waste	7
	merenals new products to prevent	
	The waste of potentially usual materials.	-
	this seem involves concerns sorting, eleaning,	
	and processing of recyclasse meterials like	
	paper, glass, metals and plastic. The ich raintage	
	of this method is reducing towns , and	
	saves energy. Disadventage is it Requires	
	proper segresation of waster and not all	
	materials are economicarly recyclable.	
	other meterals include	
	(4) compa n'ny	
	5) Angerobic pyrestin.	
	(6) mechanical biological Treatmen (MBT)	
	(a) waste to engy (wTE).	
a)	Depine in zerns.	
	Angemia; pur deficiency of red broad cells	
U/	or neomosionin in the brood beading	
	to reduced existen earsying capacity is	-

The cold cold cold cold cold cold cold cold	
	PROVED 1811
porwers with abdominal pain that storts	
near the buy putton and moves to the lands	
right son amprendicitis exten neguires surgical	
report prevent complication and replace.	
spreen: it is an organ rocated in the ext upper	
object appear plurry it occures warn our	The same
toman with Alphabets A.R.C.D. The rails	
block , when is in number of 8- Block	
	Appendicits: It is per inflammation of appendix presents with abdominal pain that stores near the buy puttern and moves to the constraint organization of the constraint of th

	Date:
501.	let The number of Blocks for A, B, C and D be
	represented by 4x, 7x, 3z, x. where x
	is common multiplier for the rection.
	Given
	-4x = 3x + 50
	to bind x
	42-3-50
	1=50.
	NION
de .	A = 4x 50 = 200
	B = 7x = 7x50 = 350
	C = 8x = 3 x 50 = U50
	Theregore The number of B Block is 1350)
(b)	A pair of shoe originally east is cost its
	There is 9 15 y, discount and cor, sal Tax
	oupplied what is The pinco price?
Sel:	To calculate The discounted parts which is 15%.
	Discounted price = evisinal prio- (Original price x Discount.)
	DP => 80- (80×0.15)
	=) $80-12=68$.
Ø	carculate The pince price including the Eax.
	Final price = Discounted price (DP x Taxx)
	=) 68 + (68 v 0 (0)
	=) 68 + 68 => 74.8.
	There you in final price of the pair of shall
	aprer applying & 15 % discount and a 10 %.
	salus Tox is 74.8 dollars.
0	A Train Traveli III um
	A Train Travels 41 km BIN TWO STOPS
	at average of 86 km in . if Train departs
	at 4pm. when does the Train grate.

	Jun.
Sol:	to find out when the Truin arrives at its
,	distinction, we need to calculate the time it
	takes for Train to Travel in 42 ion distance
	at an average speed of 36 icm inn.
	First, lets calculate the time Tollum to Fravel 42 cm.
	Time = DISTAMP = 4214 => 1.1667 h
	Spleed 36 WAIL
	Converting This time into minutes
	Time in min = 1.1667 × 60 = 70 mints.
	Now add this time to departure time of 4:00 pm
	Arrival Time = depositure Time Taken
	convert 4:00 pm into mins.
	Departure time in minutes = 4x60= 240 minutes.
-7	Now Add the time Toulen (20 min) to the
	departure time.
	Arrival Ame in min = 240 + 20 = 310 mins
-	convert 270 min baule into hours.
	Hours = 310 = 5
	miruits = 310 mod 60 = 10
1	Therefore the train arriver at 5:10 pm.
d)	Arrange the gumble words.
0	Too in eve a red
	Ten insuperted. Suprintendent
	8.0 14111/1 200 200
(E)	nweti
	white.
Q:7a)	Find volume ab entroller volth radius 30m arth= 1m.
~/	Formula
	$V = \pi r^2 h$

	Date: (14)	
(in)	11,13,17,19,23,	
	it is prime number series.	
	it is prime number series. 11,13,17,19,23,29	
	Next prime numer after 23 is 21.	
Labore or		· ·
4 m/s		
		-
		-