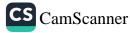


Late Day: malnutrition are Courses of follow Indequate Dietary Intake: Ousuppicient food: 1) I inite access to topo due to poverty or food scarcily Nobalance d diet ? Lack a variety in 100 choîces. 2) Health Conditions: o Chronic illnessor Dise use that apec trient absorption or Wincrease needs. ODigestive Disorder? Diseases like Celiac disease, Cropp's disease Chronic diastrea nutient absorption. can assert Environmental & Agricultura 3) ssues :-· Climale changes-Extreme weather events can disnipt production 1000 avallabiliti Agricultural Practicessfor agricultural practices can quality E quantity aped the of tood produced.



Day: Date:\_ Major Consequences :-Physical Health:-1) · Growth Delays -In children, leading to strated growth and developmental issues. · Weakened Immunity: Increased susceptibility ti injectione. Chronic Diseases: Such as cardiovaxular lisease and Sabeles Cognitive and Psychological Excels:-2) Impared Cognitive Function earing aff culties and our grademic performance Verla Health I suchs. Higher risk of anniety and depression. (b) Dépérentate between 1000 const amination a adulteration? Food continuation and adulteration. erre Two dition issues that affect topel sajely they arises from differen diperent implications. causes and have



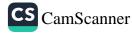
Date:			Day:	
=	Aspect	Food Contamination	Food Adulterati	a
-0		duplimited preserve	Deliberate addition	ie
-		of harmy substances	of hamful / inferio	Y
-		0 0	substances.	
	6		al intervaliat	
-0	Causes		-Cheeper ingredient -Unauthorized	4
-	-	parasites ,	additives.	
-		pesticides.	quarties.	
3	Sources	Dirty equipment,	Frauduleut	
·			Practices, cost-	1
			cutting measures	
1			U A	
<u> </u>	Consequence	Illnesses (stomach		1 1 1
+		buge), Heath	- Health visks	
1	· · ·	Essues (infection)	(allergies toxins)	
$\overline{()}$	Intent	Accident	Intentional.	-
	Y			
0	Prevention	-Safe for a	- Strict regulation	40
· [ ·		handing good -	Quality decks	
		hypiene,	the second second	1
		Clean 1	The second second	
	•	environment		A
ļ				
(c)	What a	Re Constration		1
	Deflere	re computer strate RAN	Land ROM?	
	1,		und KOIVI!	-



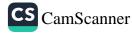
Date:\_ Day:\_ Computer Buses :-Computer buses are communication Sipteme That - bransfer data between various components of a computer They consist of a set of pathways electrical or optical that allow data to protocols avel between the processor, memory, and peripheral YPES 1--> Dála Bus -> Address Bus -> Control Bus Aspect RAM (Random Access Menue) ROM (Read-only menuovy) Definition Type of volatile 1 type of non-1) or volitile memory memory used emporary data upod for permanen storage and quick storage firmulare cu access. Software Volatility volatile: Data is Non-Volatile: 3) lost when the Data is relained power is timed even when the power is of



Day:\_ Date: stores data and Store's firmucare Purpose instructions that system BIOS. are actively used & essential or processed by instruction that do not change. the CPU. Read Write Dala can be both Read only: Data read from and is typically written written to RAM. unit manufactoring cannet modified easily Typically Generally faster than ROM. Speed er th RAM Used for running used for booting Usage plications, the computer rating staten & storin critical system processe and active data. in structions What one geo-stationary satellites P (d)Distinguist natural a artificial satelliter how



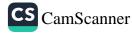
Date: Day: many satellites of Jupiter Othere P are Gieo-Stationary Sa e tes: lation -os 100 arth am per mean roi Same ROO always egualor ame bar Explain nd Artificial Batellites :and Jal. Salellite Art. Satellite Aspecl Objects that orbit Man-maide inition objects langer Ø er launcha bodies naturally ·ito space GIPS, Weather Examples The Moon -Moons of Jupiter Satellites, Space-lelescopes Mon Built an natural )rigin tormed launched bu by Space rock



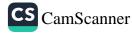
Date: Day: Purpose Influence natural Serve Specific events (tides) functions Communication. weather Duration Exist as long as Operate as Their main body long as they (eaith) exists work or with their mission ends. Movement Orbit based Follow Plannon on gravity. aux Set their laine Artifical Salellies of upiter 1upiter Irais girg berl & artifical Satelli els few notable Satellites cire as follows Jupiter Icy Moons Explorer Europa lipper. Tuno 2



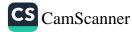
Date: Day: Q NO 3: is meant (a)what TI Jerm 9 louble Fircula escribe OW flowing adaple keep bool ouble Ina circula Doub Circu lation : ouble circulation means Javels through the load wice 22 in eac The 5 DOD NDES !!-Circulation 1) umonary goer N gel bar ongen .T the llen This is where blood gets System-.Trcu 2) xygenate a is pumpeo from 01e the res to ogat the body and -ll-e ar. NOar Supports double Circulation: double upport Circulation 5 Four Lix H 61 chambers: the right sibl



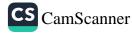
Date: Day: deckygen rumps 000 ulhi -Al ho 0 Side COL genal ec lan sentum 10005 Senara 0 ves en Va uni 0 AN SULY MI circul to Dresse 0 g re rol espiciency <u>(b)</u> ried EVer. chemist 55 a omment EVer 95 en rel enco 5 an 1 P Dod peca 1 No Cent A 9 processes Ochom NICOLI perfo unction numentus critica YP 75 maintainin f overall 00 **C+a** 00 iver process Convertin from 1e 5 nd energy in osvir SY later frem USO ĩ



Date: Day:\_ regulates blood sugar revels glilcose. Detoxi Lication :-2. It detoxifies hamful substances, such as drugh an alashol , and conjects then into less toxic forms the can be excret Synthesis of Roteins:-3, The liver produces important proteins like labumin stood volume) and Cti factors essential or ilotting. Bile Production :-4. It produces bile, which the digestion and ubsorption of jets and fat -Soluble vitamin Storage :-5. liler or essentia minerals, such stamin an and iron, and as vitami as neede releases u



Day:. Date: (c) (emment greenhouse elles P lso d f. u hour house effer areen its relation in glothe Warming, Eccect : A Blessing imponouse is 101De arth?s Warmis 0 ron Bases when atmospl Gart areelnouso aase Knewn an (an hon 1101- 00 mater Nac methere E VICIDOS o los -m e.eathra Keeps 700 Pratcip average 59 °F Savy meres Viril hours woil he earth celd to support too most life forms. Enhanced Greenhouse Effect: ut tion Ye. incrog greenheuse gases due to finities , such as -- al uman



Date: Day: tossi fuels an churing legal SA . 0: Glot Jarminp? 0 sing Everage emperature. Add reports and eltip Ice Caps: 0 to crea evel Extreme weather: 0 orm intense an oalwarps Disruption & Ecosi stan ( 0 5 a Species. relation iloba 40 armind pre enhouse enhance diredly enoid m sa warmine. Agist alion increase DACE GIPPIN aases SP is vorphere more ranne aartb's increane average temperature ONDERS major drive is 0 global warmine which wilde spread envionment 1 .au climate consequences



Day:. Date:\_ (d) Write a note on the following: GPS. a) Working 0 Tobile phones. b) Working GIPS ; Norcina 9) sitioning system maning a Sc 9 System Amines your That Dealion anywhere enañ m using satellites. Parth it works :-HOW Salellite 1 8 ear Sou signals with ~ix oral the e signal was time Sent. 2) VEX 8mals - rom 8 up S four leac Salell a es. Viangulalia 2) Me alcula distance alelli ogel the enoted determines tralign intersectiv p these di Cinco brections-U Adjusts for errors a rovide accurate Nal ata



Date: Day: Working 6) Mobi nones: 0 spera network 2011 Col po owers they work :-HOW Transmissions :. igna phone sends a cell the nearest anal to wer. Cell lowers .-2 Tower forwards the a centra signa 17 cento 2) witichin renter the the ire ils celly recipien DUPN to Al BILONO ion. M Recept Add diagram recipient's 1 hone vecience converte and back voice +0 agna X te phones use cell, network lowers cun enable Switte centers to communication.

