7 8 <b>8 2</b> 5 5	I ARA SHARIF	GSA	(page sol) ;	e
	LMS: 37365			
		•	our answ	er further e too short
	PART-T	Tand it lac	k some in	nportant
	- (SECTION-	1 jnformati	on	
	QNOS:			
	Differentiate be	ebucer Culkaryol	the and a	
	Proheryotic cell:-	J		2
	,	Present in Eukory ari	c vs Absenting	vokaryoli (
	Eukaryotic cells have	J		<u> </u>
	bound nucleus. Howeve			-
	true nucleus.			-
·	122:- Organelles:-	Specialized vs	inspecialized	-
	Eukaryotic contain me			-
	mitrochendrico, Chloroplast			-
	reticulum, and the gold			-
	specific tasks, like ener			_
	Synthesis. However, Prokan	uphic dack specia	lized structure	
	All cellular processes occ	ur in cytoplasm	or at the	
	rell membrane.			·
	(3)-(DNA Structure	e) - Lines vs ex	wlar	
	DNA is linear, or	garized into chrom	usomis, E	
	associated with pro	teins called h	istones. However 9	

DNA; circular and not associated with histories. 4: Ribosomes : Large vs smaller Their russomes are large (80s) who free floating in the cytoplan or attached to rough endoplasmic reticulum. However, ribosomes are smaller (705) and are Free-floating in the cytoplan. 5: Cell wall: prept inplanet Vs Cell wall are present in some everyotes 9 such as plant (made of cellulose), and fungi (made of chitis). Animal cells dark a cell wall - But 9 in prokaryotes most have a rigid cell wall made of peptidogly can which provides structural support GlOBAL WARNING It's refers to long-turn increase in earth's average suface temperature due to huma activities a particularly the emission of grenhouse gas dice Carbon dioxide? methan and netras oxide.

-	
	These gaves trap heat in the atmospheres creating the greenhouse effect.
	the greenhouse effect.
	KLY-IMPACTS OF Global Hairming.
	Melling polar ice caps and rising sea
	levels.
	· Increased frequery of extreme weather events
	(cog humanus, heaturaves)
	· Disruption of ecosystem and loss of biodiversity · Threads to good security and human Health.
	Thiseas to food scoring and hampan freeing
	KYOTO PROTOCOL:
	LAND I KONOCOP:
	It is the international treating
	adopted in 1997 and came into
	force in 2005 under the
	United Nations framework:
	Convertion on Simula change
	(UNGCC) It's main good is
6	to combat climate charge
	by reducing greenhase gas convisions.

		5.1
	Les de la Participa de la Companya del Companya de la Companya de la Companya del Companya de la	
	key Jeanses of hyplo Protocols-	
	Regally binding nigels for developed	
	Countries to requee emissions	
	· Etablishes mechanism dilu	
	carbon rading and dear development mechanism	
	Difference of responsibilities: Recognice	
	developed countries are responsible	
	for most emissions.	
	28.	
	Leographic information system:	
	2 signature information E State	
	It is a framework for capturing,	
	Storing, analyzing, on visualizing	
	Spatial and geographic date.	
	Key Components of GIS:	
	People	
	Mardwale Components + DATA	
<i>I</i> ,	Software	
	Hardware: Computers & devices for data processing	
	Software Google earth	
,	Data: Sparial data (maps > satellite images)	
N-10- 10- 10- 10- 10- 10- 10- 10- 10- 10-	People: experts and analyst who interpret and apply	

			page o	2 8,0
Apple	ahions of 415:			
	1	Į,	+	
Urban	Environmental	Disaster	Healthcare	Transportation
planning	Management	Management	1	1
1		N.	mapping	Route
designing	Trading	Idutify	disease outbreaty	Oph mization
cities,	deforestation,	risk for	for targeted	infrastruhi
resource.	climatichange impacls, and	flouds 1 earthqua	lus intervention	1
allecation	nahval resour	u.	1 2014	
Exa	mple!		21 3.28 7.7	
	it is used to brack	Court - 19 core	ad globally,	
ll l	nabling policy-make			
7.	nd allocate reserva	ces examples		
	Tour line of the	A		
JAN.	TIOXIDANIS :-		+ 11	1
	Antioxidants are		4.	
	Prevent or slow			
- 1	cells caused by	free radicals		
	unstable molecule	s produced	1.30	
	dusting normal me	etasolic proc	ess.	
	or due to externa			
	pollution & UV ro	V		

-/-Sources	OF ANTIOXIDANTS _	
	, 1	
MATURAL	SYNTHETIC	
L	and Throughout a const	1
found in fruits	Produced as	
(beroles, oranges),	supplements	Nepa
vegetables nuls	(ex Vitamin Crand	Boo
and seeds	Vitamin E)	Vivus
HEALTH BENEF		
	- chronic disease	
	iabetes, and heart disease.	
	ing and improve skin	
	duly vicence that	
	ne system functions.	
Q48-		
J-1EPATITS:		
"It is chara	cterized by the" inflammation	
of the diver	cterized by the "inflammation". It can be acute or	
chronic and	is caused by vovius	
The state of the s	ling infections, toxins, or	
autoimmene	11	
	To a second seco	

	be food preven presuration methods:	
	It involves techniques to extend the	
	Shell dife of foods preventing	
_	spoilage and retaining ills	
	nutritional valve.	
	Common Methods:	
_	1) Journa 6) Vaccum tacking	
	(anning 7) Use of precivatives	
3	Dry ing	
	Pickling	
. —	Pastevoization:	
-	Ci Ferhillzers:	
-	It is a substance added to soil or plants	
-	to supply exertal nutrient and promote growth.	
-	It enhance agriculture productivity by veplenishing	
1 ** ** ** ** ** ** ** ** ** ** ** ** **	dypleted nutrienly in the soil.	
	Types of Jaklizes:	
	ORGANIC INORGANIC	
	derived from contain specific	
	natural sousces dilce prévients dilce nitrogen,	
^	have meal phosphorus, & potarson	

=

		C
1222	EXAMPLE:	
	Solve mathematical problems and hardling	
	B's PRESENT AGE OF AMANI-	
	Let Amon's present age be x.	
	10 year ago, his age was n-10	
	after 20 years, his age will be x+20	
	campare: his age will be lotings his age loy	ears ago
	2+20=10 (21-10)	
	X+20=10n-100	
	20+100=10x-n	
	120 = 9n	
	n = 120 = 13.334cass	
	9	
	C:-	
	Using Formula:	
	1 + 1 = 1 40 60 x	
,	40 60 x	
	LCM= 40,860 is 120	
	120 x 1 x 120 = 1 x 120 40 60 x	
	2	
2	$\frac{120}{40} + 120 = 120 = 120 + 120 = 120$	
	40 60 N HA Ea N	

## Follow step by step solution method for maths portion Given data

	Given data	うけ
	Solution 2 = 120	
	11 26.	
	Formula	
	5= 120	
	$5\pi = 120$	
	[11-24]	
-,	The time takes for both of them to mon	
	the laun together is 24 minutes	
	D:-	
	percentage coror = difference of no	
	Refused no	,
	Let number 15: (LCM of 5 & 3)	
	wrong no = $315 \times 3 = 9$	
2	Requird=	
	15 73-25	
	Percentage enci:	
	25-9 x100	
	25	
	= 16 x100	
	25	
1	= 647.	