	19/12/24 Mock-6 for CSS 2025 Day: Thus
	General knowledge-I
	Genoral Science and Ability:
	PART-II
	Section-I
	11-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
753	a book - winds por - tour in a single
9)	Explain and draw the structure of sun?
	The Sun is a type of a star with
	one of the 100 billio in air galacy, is the
	Milky way. The Sun dy an important
	role in our daily tites such as, it drives
	weather, oregre currents, seasons, and
	dimate and it makes plant life possible
	through a pocess known as protosyn-
	-thesis. If Sundoes not exist then
	the world do not exist.
	The Sun is made up of
	blazing combination of juscs. These
	gases known as planna. The sun also
+	create ruclear from by hydrogen which
_	is fueing together to create helpum.
	The sun reo contain other chemical 4
	matallike sulfor; Ivon, magnesium
	and carbon.
	cove
	Radigtive Zane
	convection zere
	chronosphere convection zone
	corona
T	

Date	Day:		
3 (6)	Tsunami:		
	Tsunami is a Series of ocean waves		
	that Sends Surges of water and		
	Sometimes it heights reaches over		
	100 fet into land. These heavy wall		
	of water mate a massive land		
	destruction is any where	(j)	-
	China de la		
	How it generated:		_
	the Isanami is generally generated		<del>-</del>
	by under se earthquakes at		-
	tectonic plate boundards. when the		-
-	the ocean surface or flow at a plate		+-
	places boundary hics or Suddenly falls.		+
	Henit create heavy nomes of		1
la <del>de</del>	Se wester and become Trunami.		
-	Example:		$\top$
	The recent expample of Tsunani &		
	2 year baptione Terpon had an tounanci		
	attack in hyugorada seg.		
	upward		
	- Water		
			-
+	crust		-
	fourt		-
	line		
	Martile		-

e:	
Environmenatal pollution.	
Environmental pollution is the introduction	
of havenful materials into earth environments	
These harmful materials are called pollutants	
made. Natural made can be volcanic	
ash and human made can be factories	
waste.	
There are many types of pollution	
which are fisher	
	-
weste.	
Air mustion	
gases in air aused by geneous pollutents.	
	,
water pollution	
The water pollution, contains organic wortes	
land life.	
Soil pollution.	
Sail polition, rocludes Herbicides, pesticides	
and other chemical waste which mostly	
done by human netwities.	
	Environmental pollution.  Environmental pollution, is the introduction of harmful materials into earth environment. These harmful materials are called pollutant. The pollutants can be natural and human made. Nactural made can be volcanic ash and human made can be factories wasta.  There are many types of pollution which are follow and that caused due to biggest amount of gardings factories worte.  Air pollution  Air pollution  Air pollution, which is amount these days: in dudes mixtures of Social particles and gases in air rawed by generous pollutants.  Usater pollution  The water pollution, conteurs organic waste, chemical pollutents effecting blue life of land life.

Day:	
Harmful effects:	
The pollution can cause the classati	
imbalance, üke Draight; problems Mee	
fogor smox; volcance emption; no	
rains; increase in green house gases	
which is known as good worming;	
human hareth like like decreasing	-
the age unit by 4-6 years; eye	
problem; cancer problem so an and	-
Ro fits	-
· Continues of	-
Measures to crub it:	
The people and government are making	
affirite to fight pollution. Recycling to	-
beaming mere common; renewable	-
enorgy & have common; garbage manage-	
-mout; cleaning blue water by biggest	
tents in sea; Kyoto protocol yo an	
emission of green house gates. These	
one some measures which are being	
tales place	
The state of the s	
The state of the s	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

Date:	Day:	
3(d)	What is wireless communication.	
	The usingless sommunicators.	#
	The wireless commounication means,	1
	the transmission of information between	$\parallel$
	two or more devices without using a	$\parallel$
	proper wine system or cable. It do not	+
	contain wire. It most uses the	-
	electromagnetic raditions or waves to	-
	transfer the information or data. Such	-
	as voice, text, pretures. More the	-
	Satellite to help in radio active or	1_
	wheless Communication.	
	Satellite:	
	Saterlite to a system which transfer	
	data or information from one piece to	
	another using a communication satellite	
	is the orbt arount the earst. like	
	TV, interest and Telephone.	
	- Commented Commented in the	
	working of Satellite:-	
	The satellite work in 3 phase which	
	the follow:	
	uplink	
	Transponders	
	Downlink	
	These are phases in which satellite is	
	works. For example: - A start is phone	
	when it open Internett browsor, it	
	phone give Signals Jupink) it to	
	Satellity then in second phase, it	
- 4	transponders it and compact the Signals	
	Signale Signale	

Date: _	Day:	
		1
	Then in 3rd stage it transport the	25
	data to the phone when on Idam link!	
	is this way it works.	
	20 year And Marie Tourist Committee of the second	
	Satellite	
	1 1 25 Village 1 25 Marchine	
	you when a file of reliable	
	uplink down link	
	Ground Stations	
	Compared Lote 2 Second	
	And the second of the second o	
	Soji ti li alani i sama fi mana fi man	
	Control of the state of the sta	
	Charles Alexander and Alexande	
	- Carlotte C	

Date	: Day:	
		_
05	et trade i particiona la de si atrada	(0)2
(a)	Differentiate between a enkaryotic	
	and a prokamotic al:	
	::),(((2.1) (2.2))	
	Enkaryotic zell:	
	The Enkaryotic cell are usuall larger	
	calls and more compar cells. They have	
	a true nucleuse and a proper membrane-	
>	would injurelles. They are found in	
	animals plants and fungi	
11	cellwall	
	cellus vane	
	CORNEL MILLS VAVO	
1	1.00 milochondrion	
	rauleus nuclear memb	rane
	endoplasmic ret	rukum
	cy toplasm	
	600131	
	complex	
- 1	The state of the s	
	Prokaryotic cell:	
	The prokayota sell are much simplers	
	smaller and having a lack of a pue	
Blyc. 14	nucleus mel mombrane-bound organdles.	
V.	There types of cells one found in	
	Single collad organisme like bacteria.	
	cellwall	
	plasmid	
	nucleoto cytoplasmic	
	naan bym	e
A CONTRACTOR	Cydelasm Pobosanes Mein-svoi	II.

Date:	Day:	
5(6)	what is global warming? what is	
	Kyoto project?	(se
	: He stamped is leas	
	Global warming:	1
	Global warming to increase is the	
	average temperature of the this pinere,	
	oceans, and land masses of each. This	
	· vapid warming, which must suentits	
	believe of reputs of human activities.	
	like coat, out and natural gases.	
	which causes amon dioxide, and	
	green house gases.	
	maredus in 1991s.	
	Kysto Ratocal:-	
2 (4)	The kyoto protocol so an international	
. 1.	agreement that aims to relace the	
Calming	green hause gas envission It was	
	adopted in 1997 and entered into	
200	force at 2005 The protocol sets	
	the goals for reducing envissions by an average of S.1. below 1990 over the	
	average of S. 1. Selow 1990 rover the	
	thue period of 2008-12. The goal is	
	to stabilize greenhause gas concentrations	
	is the atmosphere.	
one in the second	Global	
	Far M.	
F-4, 2, 19	- Someons of the sound of the s	
	Same of the same o	

Date	Day:	
-//		
<u> 5(c)</u>	GIS: 12/20/10/2016/	it-i'
	A Geographic information system (GIS)	
	To a computer based system that	
	analysis and droppy thing geographically	
	referenced Deformation. It help to identify	
	the location. GIS gives information	
	on map like streets, building and	
	other location The GIS can help in the	
	isformation management system for	
	agricultum, health, education, land,	
	environment, Disaster, Tours Soun	-
	and so forth	
	the GIS technology people can compone	
	the location of different turns order	
	to discover how they are related. Fer	
	example, using our in a single	
San E	map could includes sites that produces	
an feet and a second	pollistion, like frictories or overs like	
	to the kind of information that can	
	be analyzed using GIS Technology.	
	Line Pectrol	
	posetston? I wantle tracking	
	Pole	
	Scie - Mobile maps	41
	100 4	
	management )	
	management mobile tracking	- 1-
	- M	
	oxformation Lovacace monitoring	
- 15 To 16 T	Differ 81 gr. Wolning	

Date: _	Day:	
S(d)	Antioxidents:	(3).
	Antioxidants are the molecules that	
	can help your body to fight off the	
Make he	sometil freg radicals, which can	
and then	linked to your health conditions like explain it further cancer they	
-	are found in food like vitamins	
	E and c. The free radicale are	
	nyphy unstable molecules (or atoms) with	
	an odd number of electrons.	
	Antioxidants repairs or day the damaged	
	colls, and some autroperante defense	
	enzymes as well	
	Antioxidente are essential for the	
	Survival of all living things, including	
	the booky produce some antioxidant	
	it-self to protect their from	
	different disease due to tissue injury.	
	Antioxidants are important for our	
	health. The pady produce curtain	
	antioxident but other antioxident	
	can be take by supplement while	
	xplain complex concepts in	
	mple terms.	
CAPTURE OF THE PARTY OF THE PARTY OF	se real-life examples.	
In	clude diagrams and flowcharts	
<del>fo</del>	r competitive edge.	
D	scuss practical applications of	
SC	entific concepts	
U	se diagrams and graphs cs	Can