	GSA - Test 1 2 10
	CRUESTIAN 3:-
6)	Balanced diet:-
/	A diet that has an egypte
	n det have both organ
	and inorganic nutrients essential for the normal functioning of the
	human booky A det that contains prokins, vitamins, corbohydraks, fats,
	h, o and mirerals in balanced
	amount needed to daily functioning
	of Luman Booky.
	Components: A bolonced diet has both
	the required nutricuts i.c.
0	Organic Nutrients: Proteins, Vitamins, fats, oil, conbody drates
(3)	Inorganic nutrients: - Mineals and water

	Merits of Balonced Dict:	
	The human body requires	_
	different amount and levels of	-
	nutrients to run smoothly on a	-
	daily basis. A belonced diet	-
	Is mondatory her a healthy body It has many advantages which	-
	are as follows	
0	A source of energy for daily	
	activities to be performed	
(2)	Helps in the formation of nucleic	_
^	aid (DNA) of the body	-
(3)	Melps in respiration of the	-
(b)	Helps in the & development of	-
-0-	rells in the body	-
8	Helps in strengthening bones keeps	
	and muscles	L
<u>(b)</u>	Prokets the Skin from domages	_
	and other interiors	-
0	Melps in the sumapon of Macmaglobin	_

	and blood in the body	
8	Improves eyesight and protect from	
	night blindness	
(9)	Safiguards & human body falling in infections and from diseases.	-
(10)	Melps in woords healing of wounds	
	quickly and in blood dotting	
- a	Balance of Diet Jeeps the human	
	body healthy and active and	
	is essential for the smooth	-
	finctioning of the body.	
(a	Carbohydiates:	
	Corbohydrates are an	
	essential organic nutrient (present	
	in) for the human body and	-
	is a monolatory part of a balanced dict. It is made up	_
	of Corpor, hydrogen and ongger	
	The en amount of hydrogen and	_
Base .	ongen is he some on in the	

		Contraction of the last
	Composition:	1.
	The composition of Corbohydrates 15 Co Mp Q. The basic unit of Corbohydrates is glucose	1
	Types: Carbohydrates have the following	
0	Monosaccharides:	
	monosacharides are the base unit of carbohydrates Exemple:	
<u>(2)</u>	Colucose, huctose, galactose. Potrosechorides.	_
	The combination of two moleum of corbody drakes is called dissochered. The combination takes place the	- 13_
	Examples.	
	Lactuse, Sucrose, Martose	_

<u>(3)</u>	Poly sacharides.
	They are he combination of
	two or more monasadrandes to
	the condensation of moleules. They
	are also part of animal cell
	and plant cell
	Example:
	Cellulose, Starch
	Benefits of Corbohydrates:
	Diregis of Corporydrates:
	There are a 1
	benefits that human body receive
	due to the consumption of
	Corbulydrates. Some of them one
	as fullows
(1)	It is a source of energy for
	human bock
2)	It is a essential part of ruelex
	acid (DNA)
(3)	It is a secondary component of
165	

hi	3.5	
j.e.s.	formation of lybricul	1
~	It is necessary for cell respiration	1
	Disoster Risk Mongament	1
*	of Pakiston	
-		
-	Disaster Risk monagement is	
1	a planned mechanism to deal	-
1	with incoming or ongoing	-
	disasters that take place in	+
	of an incoming disaster, planning	-
	for dealing with it, mitigation,	
	emergeny, recovery In Pakiston,	
	there is a lack of well defred	
	DRM. There are a number of	4
	weaknesses present in the DRM of	-
	Pakiston which are as dellaws.	-
	D E I	4
	Poor Forecasting:	
	Forecasting is the very first	

	and essential element of DRM.
	the required skills to forecast
	an prevailing disastes or natural
2)	Pool Planning:
	identified, it is just to have of
	prevent destruction Pakiston has
	on upcoming natural disastes
	and leaves everything to be
	neut phone of emergency.
3)	Delays in Emergency Implementation. Pakistan delays in implements
	shilten areas. The emergences are
	inually announced when the disaster
	has hit those oneas So, no

¥		
	preventive measures are talan to present loss of infastructure and human like	
4)	Slow Evacuations: The evacuations take place	
	place at all. It is either she he poor planning and inettative	
	Strategy by the government of due to people's reposal to leave their lands and homes.	
	This lead to draspic toss of	
5)	Post Measures of Recovery: Pakistan has the poorest	
	disorber takes place A few humaritarian aids one granted to	
	Dest green both domestically and internationally. After a few day	-

	the incident is forgotten and no	,
	Solid recovery steps are taken	
	to uplift pe areas and	
	people badly domaged in the	
	disaster. The steps faten by	
	government are ineffective and	
	not enough to fully recover	
	the damage (3)	
	All of the above all weaknesses	
	in the DRM of Pakistan.	-
(0)	Vaccines:	-
-6-7-	Vaccines are compounds	-
	The state of the s	
	or material given to hymons to	+
	present from a certain disease	
	or intection It is the whate	
	of certain organic compounds their	
	either build immunity in the	_
	body or stop he disease or	
	interiors to impact he human	
	body.	

Small Pon Varcine: vaccine of Smooth por was he very vaccine of he his Of human beings Composition: Vaccines are Improdues that given to human to respi De incoming germs by a either building author ontibodies again 2 it or by destroying be incoming disease in tection Examples. Vixus have been the most regent creation of vorines that were taken by all the everyone ground he world be present oneseld from he deadly lovid 1/9

	QUESTION 2	
(a)	Renewable Source of therey	
	Renewable Source of therey and it's Importance:-	
	The renewable energy is of great importance in the current	
	world. It is an energy that	
	con be produced over and over	
	again due to the presence of renewable resources of production	
	The renewable resources of energy	
	ore he resources that can be	
	not deplete away"	
	Importance to Environment	
	The renewable sources of	
	himan deings with respect to	
	environment. Some of he season	

	on as follows	
0	These energy sources will not	
	renewable morries of energy	
	They do not ham the environment dike the non-renewable resources They do not produce hel	
	the environment	
<u>(G)</u>	They keep be environment (lean for both humans and wildlife	
8)	They do not contomrate water and does not prove injurious	
	for human infake and how marine life	
8	They do not cause green house effect and orose depleties	
	It does not produce chemical	_
(<u>e</u>)	They do not pollute the amount	

by he release of deadly price
and himes in he air that
 lead to acid run and
 health concers.
 Thus renewable resources of
 energy production prove beneficial
 and very less harmful to
 the environment as compared to
 the non-renewable resources of
 energy like coal, oil, rappel gas
 etc
 Salari
Solor Energy is the most
Shong resource of renewable energy
production. The sules heat can
produce electristy though down
It can be used to produce
electricity in hones through soler
parels:

ł		
	The fission reaction buting place	2
	in Sun produce benergtous amount	
	I heat and energy that com	
	be consumped to produce	
	energy for human uplnation	
	Corent Repential.	
	It is he most useful and	
	form of energy consumption. Though	
(3)	it's potential has not been	
3	ublired yet but it great	
	pokenbal to make himendons	
	amount of renewable energy	
(b)	Rocks:	
	Rocks one objects present	
	naturally on the surface of Earth	
are	They are either borned due to	
	Sendiments of die to smaller	
	Jugmens of ros sond and rock.	
	Rocks are formed due to entere	
	pressure, teat and nectival combination	
	of sediments.	
	What was a few and the second of the second	Control of

	Types:
	Which are as tollows
	Sedimentary Rocks Igneous Rocks
/	metomorphic Rocks
	All of these rocks on formed due to the condensation of molten
	lova released from volcanos or dre to the cond con soliclification
	of magna inside the earth's Crust, These rocks are formed
	or under sea in the ocean
	Rock Cycle:
	The rack cycle is simple and lary to understand. It goes from
	the solidification of mayona mide

	Easts (nest to pe looking off of	-
	he volconic lava. Many a pres	-
	The rocks are formed	-
(3)	die to homospon of redments 1	-
-	Sea bed	
d)	Water- Soluble Vitamins:	
	The vitamins that gre	
	easily solyble in water one called	
_	water-soluble vitamin. These include	_
	Vitamin B	_
	Vitamin C	-
-	Vitamin B:	_
	Vitamin B are essential hor	
	the smooth hinchoning of wat	
	body as it helps in he	
	production of cells. It helps in	
	Cell respiration and is essential	_
	for blood clothing and reality of	
	would To 11/1	
	Canes: The debutony of vitamin B	-

	Causes gnemia that is the lacks
	of blood in the human body
	Sources. It's sources ax ments
	milk, vegetables.
	Vitamin C:
	Vitomin (is also essential
	tor es human body. It helps
	in maintaing healthy skin, tech,
-	hones and musles It is importent for development of bones and
	muscles in the body
	Causes. Delivery of vitamin
	Causes bleeding gum, weakened
-	bones and muscles, and
	Sources. Vitomin (can be
	bound in cities mits and
	vegetables.
6	