LM.S ID: 29525 Name: Syed Yasix 1. Give numbered detections as selied on clayes to cure.

1. Give numbered detections that given but given g Commentingstions, cure Nutrition is one of peded the duesday frontighting pability with the diseases he and abandollinutorion has 7 Poxpleticlenary/entational status absolute esoniMastr befrethecordiseases occur either behause colour takene fangefarenses to or because more vipibility ability of the body to fightaga jarns vell pathogen.

10. And page borders are discouraged, nutrient hould be reasonable.

Should be reasonable.

The vienty will be represented by nutrient disease. sawed moby wearlage to exitation of Gasked artistionities of this vital vitamin can expose the body more to cold and flu because it is an exential nument to boost the immunity Night blindness is could by lack of Vitamin A, eating sufficient amount of this vitamin can prevent night blindness. Vitamin K is necessary for blood clotting, a person with this deficiency cannot heal easily from cuts and abrasions. All these vitamins can be found in food and fruits. Their daily intake can ensure prevention and cure from these diseases Moreover, certain foods are good source of chemically active substances exential for metabolism and immunity

	Poor presentation. Avoid lengthy paragraphs. Give medium sized paragraphs with headings. Do not use table for comparison		
	Do no	t use table for comp	arison.
	Allacin and	zinc in gard	ic is a
	natural antibiotic to ward of the back		
	bacteria. Bobiotics in the yougust, wemen		
	and pictules promote of good gui ballena		
	for the microbial antagonism. Lastry, the		
	growing cancer rates can be prevented with foods high in articancer compounds.		
	foods nigh in	an curies wing	
h	Compactings	Incingation	Pyrolysis
(i)	It is the bu	The process of	The combustion
	decomposition	burning of the	of organic vaste
	method used	solid waste, most	y in the absence
	for the organic	1	of paygen is
	waste. After	that can be	called pyroughis
- 6	decomposition of	infectious or canno	t The term pyrolysi
	such waste	decompose 15	comes from pyro
	compost is former	incineration. This	meaning fixe and lysis meaning
	which can be	is carried out	Mysis meaning
l	used as fextilizex	in incinerators	hyear abur.
	of soil. Composting	high lemperature	JE is premies
	an environment	ovens. This burning creates fumes	and modulet
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c) Role of hidney in Urine formation: The break down of lipids and carbohy -drates yield coa and water where as which the body can easily get rid of or through respiration. The proteins on their break down produces ammoria, a highly toxic compound which can lead to comma if not get exceed from the body. Ammonia is converted into Urea a less toxic compound by the liver cells. This usea is dissolved in blood kidney performs the filleration of blood and filters the usea, with usea salls, water, pigments and end products of drugs are also filtered out by the widney. Thus maintaining the homeostalis and osmoregulation of the budy. This role of lidney is charified described by its structure

The functional unit of a lidney is nephron be There is more than a million niphon in Lidney. These finy shuelives are responsible for unine formation. A rephron comprises of Collecting glomerules surrounded by bowman's capsule which wreter Transverse cross convulated tubule which extends section of widney to form loop of Henle which ultimately forms the distal convulated tubule emptying into collecting duct. The afferent arteriale brings blood, converges into glomerules, filterate oozes from the single celled

wells of glomerulus into bournars capsulo Then afferent this arteriole surrounds the other parts of nephron as peritubular coppillaries and then converges back out as efferent arteriole the filterate with salts and used travels to proximal consulated tubule, loop ofhenle and distal convulated tubule where reabsorption of salts and water happens then is down poured into Wheeting duct where it is urine from the collecting duct the unine travels to the urinary bladder leaving the widney troough wreter. This process is solely done by the function views in the ludneys. So unne formation views in the ludneys. > Efferent arkeriote Afferent artaiole lomerulus lolleeting duct Bowmans capsule Peritubular de cappillaries > Hop of Henle Structure of a rephron Qad Semiconductors are the materials that can have the properties of both the conclutors and insulators. Semiconductors are of intrinsic and extrinsic types The pure form of semi-conductors are intrinsic where as cloped semiconductors (added impurity) are the expinsic type of semiconductors.

It is being said that western countries QDd The Ntype and the P type semiundulors are the two types of semiconductors of cloped nature The Ntype semiunductors are doped with the elements of 5th group of periodic table and are mostly silicon and germanium mixed with phosphorus. This type of semi wordular conducts electricity because of the free electrons The P type semi conductors are doped with the elements of the 3rd group of periodic table and are mostly silicon and germanium conduct electricity because of the holes, a deficiery of electrons. Seminonductors are the brain of modern electronics because in the field of elebonics a controlled current is required to carry out the function without them electionic gadgets can't perform their work. These chips are what the electionics work upon. femilionaluloss can work in a way that only a Certain amount of current can pass through it unlike metals which pass all the current and unlike the conductors insulator which allow no current to pass through them Q3 a) Cylulone: A cyclone is a large scale weather system characterized by low pressure centers and rotating winds Cyclones can

form on both land and ocean. But they are mostly asso associated with to pical and sub-hopical regions. The specific causes of cyclone varies formation can very depending on the type of cyclone but the most well known cyclones are tropical cyclones which include hurricanes in the atlantic and Northeast pautic, typhons in the North west partie and cyclones in the south partic and Indian occean. The cyclones form because of in water which acts as Jourse of heat

(ii) Moisture in the air is an essential factor for the development of cyclone. The warm water wises moist air vises source of heat and condenses as it work at higher altitudes releasing its energy which fuels the aform

(iii) low pressure system is also a factor for cyclone formation.