overall good answers!!!

تارق:\_\_\_ا\_\_\_

	Sabrina Bukhari	
	Batch 339	
	CSS-2020	
	GSA	
	line intervention and an and	
	verse of 8#3% (Part b) a side of	
	What are carbohydrates? Classify and	
	give detail of each class along	
1.	Answer	
	Carbohydrates: 60 Large group of organic compounds	
	large group of organic compounds	
	which contains maximum amount of	
$\langle$	sugar, starch and cellulose like	
	necessaey food nutrients."	ab
	Like proteins, fats and	
	minerals ; carlonydrates are also	
	important nutrient.	
1	Significance of carbohydrates:	
	Carbohydrates are main source of	
	energy for the body It is	
	responsible for senial performance	
	Carbohydrates play a significant	
and the second		



\_\_\_\_/\_\_\_;t,t ----a significant role in circulation of human heart and working of many other organs including Kidneys and Wrgstney also help in preserving muscles and storing energy for the later Joquet use. Fuilt wheat brea Sources of Carbohydrates Sweed Fruits Rice potostoes coms causes of deficiency of carbohydrates: There are may be so many serious : health issues if one doesn't consume carbolydrates. When there is absorve of glueose which is responsible for carrying out different functions, the human



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keep the description of the headings a bit brief. . تاريخ: \_\_ا\_\_ا ------body uses protein for energy. Moreover, lack of carbohydrates' consumption in the diet can cause digestive problems. It may be disturb the energy theart and brain functioning. It may causlead to weight gain, Diabetes, Obesity, According to a survey report, Pakistan is the top 3rd country which is suffering diabetes. Classes of capphydrates Monosaccharides Nigosaccharid Disaccharides) 1) Monosaccharides:-Monosaccharides are also known as simple sugars. The sugar that can't be split into simpler sugars. Most common expexamples are glucose and fructose Furthermore, Trion, Hexoses, Heptoses, Tetrojes etc.

draw the structure of the examples.



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	)isaccharides:
	Two monosaccharides combine and
	form a disaccharide · Examples of
	disaccharides are sucrose, lactose
	and mattos etc.
3	Oligisaccharides:
	Carbohydrates formed by the
	condensation of 2-9 monosaccharde
	are known as oligosaccharides.
	which is suffering diabotes.
	Q #3 (Part_a)
	What are pesticides ? Explain their different
	types; why persistent pesticides are more
26 charided	lethal for mankind?
(	Pesticides:
	Pesticides are the chemical
	substances that are meant to
	kill pests. Generally, pesticide is
	a chemical or piological
	agent that kills pests.
	There are many different types
	of pesticides and each is meant to



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	meant to be effective against specific
11	pest/germ. They are used to kill
	fungi, plants or unimals, that can
	cause damage to crops or hazardous
	to humans and animals' life abor
°)	Types of pesticides: Insecticides
	Herbicides
°(11)	Rodenticides
	Bactericides
<u>۷</u> ۲	Fungicides
	Insecticides: Insecticides are used to
	Kill or control insects. They are
5	usually used to in agriculture,
	industry plusinesses and households.
	Herbicides Will or control insection
	They are used in agricutture,
	industry, businesses, and households.
	Fungicides:
	Fungicides control fungi and

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	/
	can be used on plants or other
	surfaces where mold grow. They
	may also have a role in
	protecting cropo
	Rodenticide:
	Substance that is used to
<u></u>	kill rats, mice and other pests.
<u></u>	Red squill are commonly used
	rodenticides. Bactericide:
	A substance that kills bacteria
1	Examples of bactericide are
	disinfectants, antiseptics and antibiotics.
	Larvicides :
	Type of insecticide which is
	used to control mosquitoes. They
-	work by killing mosquato larvae
	and pupae before they grow into
	Persistant pesticides are more lethal
	for mankind:
	The persistant pesticides are
	Those that may take years
	0



add examples against each of these arguments. also, highlight them.

----- ا\_\_\_\_ ا\_\_\_\_ t -----+---to be broken down. This the # moin reason why persistant festici are more lethal for markind These consist of organochorine and stay for a longer per In the environment. Unlike other pesticides, they make the environment highly effective Part (c) Discuss different methods of food preservation. Answer The process of treating food in such a way to stop or greatly slow down spoilage and prevent foodborne i Uness while maintaining metritional value , texture and flavour. Food poilage basically mean any change that renders food unfit for human consumption.



تاريخ:\_\_/\_\_/ ن -----Canning Staviliation Refrigeration Food preservation method Freezing Pastourization Refrigeration:-Keeping food at a temperature between O°C and 8°C. This process is usually used for fresh food to slow down microbial growth. Freezing: gold on how Food preservation maprocess based on exposing food to temperatures below its freezing point. Pasteurization: Method where a mild heat treatment is applied to a food to kill harmful bacteria. Canning: The process of placing foods



اري:\_\_/\_\_\_ in jars and heating properly to a specified temperature -Sterilization: The destruction or elimination of all organisms in good by kit destroying vegetativ bacteriaggeasts ete. Part (d) Where and how fiber optics are used! Advantages and disadvantages. Fiber Optics: The strands of glass which are used to transmit light signal from one paint to another point is called Fiber optics of the state of the second It is user in the process of telecommunication such as internet telephones and televisions etc. discuss the first part in bit more detail.. Advantages Disadvantages Low power loss Fragility. Reliable It is highly suspectable. Thinner and light spersion 0 weighted.

use full sentences to write differences.



-----Large bandwidth. longer distances. They transfer data signals in the form of light and travel hundereds of miles significantly faster than those in traditional electrical cables. as 100 Question # 5 bour areal and reverse Part (2) and reacher there What do you know about hepatitis? Describe its different types and write down its preventive measures. llos si hirAnswerstingen et tring Hepatitis is an inflammation of the liver that is caused by a variety of infectious viruses and agents leading to a range of health issues. Hepatitis is commonly the result of a viral infection, but there are many other possible

