Name	Mirrer Yeshiva HS May 13, 2020 Rabbi Bresler
	Biology Remote Learning Chapter 19-3 Bacteria and Viruses
This as	ssignment is due Sunday Night May 17, 2020
	wn words write a sentence or two describing the general topic of this chapter
(do not v	vrite one sentence describing just one part)
2. Taken fro	om Wikipedia:
computer virus is computer program	I with <u>computer worm</u> or <u>Trojan horse (computing)</u> a type of <u>computer program</u> that, when executed, replicates itself by modifying other as and inserting its own code. When this replication succeeds, the affected areas are then with a computer virus.
initially infect syst Windows, employin detection/stealth s seeking profit (e.g. demonstrate that a	social engineering deceptions and exploit detailed knowledge of security vulnerabilities to thems and to spread the virus. The vast majority of viruses target systems running Microsoft and a variety of mechanisms to infect new hosts, and often using complex antistrategies to evade antivirus software. Motives for creating viruses can include with ransomware, desire to send a political message, personal amusement, to a vulnerability exists in software, for sabotage and denial of service, or simply because the cybersecurity issues, artificial life and evolutionary algorithms.
Based on your k	nowledge of this chapter please explain why this particular type of computer d a "virus" and not some other term, bacterium perhaps.
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3. What is t	he source of the word "virus"?

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4. After reading the first 4 paragraphs on page 482, what is the obvious diffe			agraphs on page 482, what is the obvious difference
	betwe	en a bacterium and a	virus?
			Page 483
5.	Descr	be the parts and stru	cture (how it is constructed) of a virus
			Page 484-5
6.	Note: T		es cause infection and describe each one. read at least three times - it takes study. This is the key ruses do.
		_	Description
	b.	Infection type two	Description

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7.	List 8 diseases caused by a virus.				
a.	e				
b.	f				
c.					
d.					
8.	What practice can prevent a virus infection, and how does it work?				
9.	From the previous answer it is apparent that only one thing can defeat (not prevent) a viral infection. It is not medicine. What is it?				
Cancer is a disease caused when cells divide uncontrollably and spread into surrounding tissues. Cancer is caused by changes to DNA. Most cancer-causing DNA changes occur in sections of DNA called genes. These changes are also called genetic changes. www.cancer.gov 10. Please explain how a virus can cause cancer.					
	Thease explain flow a virus can eduse carreer.				
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Exp	plain why viruses are not considered living things				

11.