Teacher Name: Class: Subject: Date:

 Zakia Amir 8th Science 5th Dec 2018

Q1: Fill in the blanks;

1. Microorganisms spread through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Proteins are broken down by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ enzyme.
3. When light strikes the shiny surface it bounces back, this phenomenon is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Light is a form of energy that travels in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ line.
5. White blood cells produces \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ against pathogenic microorganisms.
6. Our body has two defense system to get protected against diseases, natural barriers and\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ immune system.
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ provides instant energy to the body.
8. Splitting of light into its component colors is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. Concave mirrors are used in parking lots because they provide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ view.
10. Convex mirrors are used in microscope and in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Q2: Correct the wrong statements only:

1. Heat cannot transfer through vacuum due to absence of particles.

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1. In spectrum red color refracts more as it has the highest speed among all colors.

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1. Black and dull surfaces are the good radiators of heat.

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1. Beri beri is the deficiency disease of Vitamin k.

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1. Vaccines are the suspensions of dead microorganisms which are used to stimulate the immune system against pathogenic microorganisms.

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Q3: Define briefly the function of White blood cells.

Q4: What chemistry works behind bread rising?

Q5: Write names of three infectious diseases caused by bacteria.

Q6: Label the diagram:



Q7: Label the diagram depicting refraction of light, and answer the following questions:



1. Why does light bend when it enters the glass slab?
2. Define apparent depth.