

FORM 5 8<sup>th</sup> September, 2008  
DIGESTION REVIEW WORKSHEET

**Kindly answer in your classwork books and hand in on Monday 15th September 2008 (FORM 5 S) and Tuesday 16<sup>th</sup> September 2008 (FORM 5 I) during your class time with me. It will not be for marks but is aimed at allowing you to recognise the importance of early and continual revision.**

1. A balanced diet for humans includes proteins, \_\_\_\_\_ and lipids. \_\_\_\_\_ is a disease caused by too little protein in the diet.
2. When \_\_\_\_\_ solution is used to test food, it turns \_\_\_\_\_ in colour if simple sugars are present.
3. Digestion is the breakdown of large \_\_\_\_\_ molecules into \_\_\_\_\_ soluble molecules.
4. After chewing in the mouth, food passes down the \_\_\_\_\_ to the stomach by the process of \_\_\_\_\_. The partly digested food then enters the \_\_\_\_\_.
5. Our bodies digest the food we eat in two ways, by \_\_\_\_\_ and \_\_\_\_\_ digestion.
6. Enzymes \_\_\_\_\_ the speed of chemical reactions in the body. For example, \_\_\_\_\_ break down proteins to amino acids.
7. The wall of the small intestine is folded to form thousands of \_\_\_\_\_ which increase the surface area to absorb food. Each one of these contains numerous \_\_\_\_\_ to take food to the liver.
8. Some of the food absorbed after digestion is used in \_\_\_\_\_ to release energy. The rest of this food is used in \_\_\_\_\_ to build up the structures of the body.
9. By means of a fully labelled and annotated diagram, describe the internal structure of a tooth.
10. Why are teeth important in the process of digestion?
11. Name the four different types of teeth found in man and clearly relate the structure of each type to its function.
12. State with a reason one major difference you would expect to observe between the teeth of a lion and those of man.
13. Name four ways in which the small intestine is adapted for efficient absorption.