**DIGESTION WORKSHEET ANSWERS (6 wksheets)**

**Work Sheet A:**
1. The two main sources of food energy are carbohydrates and proteins.
2. Proteins are used mainly to build new amino acids.
3. Chemical catalysts found in the digestive process are called enzymes.
4. The six food groups are water, carbohydrates, fats, proteins, vitamins and minerals.
5. Digested food must be soluble in water.

**Worksheet B:**
1. What enzyme is found in saliva? **Amylase**
2. What word describes the fragmenting of food by the teeth? **Mastication**
3. How many teeth are found in a complete permanent set? **32**
4. What is another name for the throat? **Pharynx**
5. What valve keeps food from going to the lungs? **Epiglottis**
6. What system controls the flow of saliva? **Nervous System**

**Worksheet C:**
1. What is the name of the wave-like process that moves food down the esophagus? **Peristalsis**
2. Does any chemical digestion occur in the esophagus? **No**
3. What acid is present in the stomach? **Hydrochloric Acid**
4. What enzyme do gastric juices contain? **Pepsin**
   What food does it work on? **Proteins**
5. What is the semi-liquid food that leaves the stomach? **Chyme**
6. What word best describes the function of the stomach? **Storehouse or storage area**

**Worksheet D:**
1. What gland is located in the back of the stomach? **Pancreas**
2. What liquid is produced by the liver? **Bile**
3. In what structure is liver bile stored until needed? **Gall Bladder**
4. What is the area of the small intestine called where liquids from the liver and pancreas meet? **Duodenum**
5. How many enzymes does bile contain? **Zero (0)**
   How many enzymes does pancreatic juice contain? **Three (3)**

**Worksheet E:**
1. The tiny finger-like projections in the small intestines are called **villi**.
2. Digested proteins are called **amino acids**.
3. Digested food passes through the villi into tiny blood vessels called **capillaries**.
4. Intestinal juice contains several important **enzymes**.
5. What membrane holds the small intestines in place? **Mesentery**
Worksheet F:
1. What is found attached to the large intestine near its connection to the small intestine? Appendix
2. The material entering the large intestine is mainly non-digestible food, mucus, bacteria & water.
3. What is the main function of the large intestines? absorption & recovery of water & elimination of wastes
4. What is the lower end of the large intestine called? rectum
5. Waste material leaves the body from the large intestine through an opening called the anus.