SFU SCIENCE IN ACTION
Introduction to Digestive System Worksheet

1. Define extracellular digestion. How is the stomach specialized for extracellular digestion?
2. Where are proteins digested?
   a) Mouth and stomach
   b) Stomach and large intestine
   c) Small intestine and large intestine
   d) Mouth and small intestine
   e) Stomach and small intestine

3. All of the following processes occur in the mouth EXCEPT
   a) Mechanical digestion
   b) Moistening of food
   c) Bolus formation
   d) Chemical digestion of proteins
   e) Saliva secretion

4. Outline the digestion of a piece of bread
5. Why is the pancreatic juice alkaline, and what would happen if its alkaline components were removed?
6. Starch is hydrolyzed into maltose by
   a) Aminopeptidase
   b) Maltase
   c) Pancreatic amylase
   d) Sucrase
   e) Cholecystokinin

7. The intestinal capillaries transport nutrients from the intestines to the
   a) Large intestine
   b) Liver
   c) Kidney
   d) Heart
   e) Lungs
Answers to MC: 2:E, 3:D, 6:C, 8:B