

Chapter 9: Nutrition and the Digestive System

Section 9.1 Why we need to eat:

- Know all key terms
- Know the factors that affect energy requirements
- Know how to measure energy

Answer 1-5 on page 399

Complete the worksheet.

Section 9.2 What and How much we need to eat:

- Know all key terms
- Know the 4 major macromolecules and examples
- Know the function of selected vitamins and minerals
- Know the roles of water in the body
- Know some examples of eating disorders

Answer 1 on page 405

Section 9.3 Introducing Digestion

- Know all key terms
- Know the difference between gastrovascular cavity and complete digestive system
- Know the diagram of the digestive system (be able to label)

Answer 1,3,4 on page 407

Section 9.4 Digestion in the Mouth and Stomach

- Know all key terms
- Know the difference between physical and chemical digestion
- Know the structure of the stomach
- Know what happens during chemical digestion

Answer 1-5 on page 411

Section 9.5 Digestion in the Small and Large Intestines

- Know all key terms
- Know the structure of the small intestine
- Know what happens during chemical digestion
- Know the role of the pancreas, the liver and gall bladder in digestion
- Know what happens during absorption in the small intestine

Answer 1,3,6 - 8 on page 420

Section 9.6 Nausea, Vomiting, and Diarrhea

- Know all key terms
- Know all the what they are, causes and risks of nausea, vomiting and diarrhea

Answer 1 – 3, 5 on page 423