

## Digestive System & Nutrition Study Guide

1) List the correct steps in the path of digestion. What happens in each step?

Mouth- mastication

Stomach-mixes food with gastric juice, initiates digestion of proteins, carries to small intestine

Small intestine- 3 parts containing microvilli to increase surface area and absorption of nutrients.

Large intestine- transports waste to colon and rectum

Colon and rectum- removes waste in form of feces

2) What is the function of the liver?

The function of the liver is that it produces bile

3) Where is the stomach located?

The stomach is located in the abdominal cavity

4) Describe peristalsis.

The involuntary constriction and relaxation of the muscles of the intestines or another canal, creating wave-like movements that push the contents of the canal forward

5) Describe the functions of the pancreas.

The pancreas produces and secretes pancreatic juices, containing digestive enzymes and bicarbonate ions, into small intestine

6) What are the parts of the small intestine? What is the function of the small intestine?

3 parts: Jejunum, duodenum, ileum

The small intestine mixes food with bile and pancreatic juice. Final enzymatic breakdown of food molecules main site of nutrient absorption

7) defecation is the discharge of feces from the rectum through the anus.

8) What is morbid obesity?

Morbid obesity is being 80-100 pounds over their normal body weight

9) Microvilli is a structure in the small intestine that increases surface area for maximum nutrient absorption.

10) Good fats should consist of 1/8 of your plate.

11) What is mastication?

Mastication is the first step of chemical digestion

12) The epiglottis closes when swallowing in order to force the food into the pharynx. This prevents choking.

13) What is pepsin and what is its job?

Pepsin is the most important enzyme and it mixes food to create a semifluid paste

14) List the parts of the large intestine. What is the role of the large intestine?

Ascending colon

transverse colon

descending colon

sigmoid colon

# Digestive And Nutrition Study Guide

**Virginia Fry**



## **Digestive And Nutrition Study Guide:**

*Life: The Science of Biology Study Guide* William K. Purves, Edward Dzialowski, Lindsay Goodloe, Betty McGuire, Nancy Guild, Paula Mabee, 2003-12-26 New edition of a text presenting underlying concepts and showing their relevance to medical agricultural and environmental issues Seven chapters discuss the cell information and heredity evolutionary process the evolution of diversity the biology of flowering plants and of animals and ecology and biogeography Topics are linked by themes such as evolution the experimental foundations of knowledge the flow of energy in the living world the application and influence of molecular techniques and human health considerations Includes a CD ROM which covers some of the subject matter and introduces and illustrates 1 700 plus key terms and concepts Annotation copyrighted by Book News Inc Portland OR

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*Study Guide for Nutrition*, 1998

Student Study Guide to Accompany Human Biology Sylvia S. Mader, 2003-08 This best selling text emphasizes the relationship between humans and other living things Intended for an introductory course this text provides students with a firm grasp of how their bodies function and how the human population can become more fully integrated into the biosphere An Online Learning Center tied directly to the text via icons will direct students to activities or animations that give a visual example of difficult processes as well as Working Together boxes to emphasize homeostasis

**Student Study Guide to Accompany Essentials Anatomy and Physiology** Jackie L Butler, Shier, Ricki Lewis,

Dr,Nancy Ann Sickles Corbett,1999-06 *Science Mastermind Class 10 : A Comprehensive Study Guide with Diagrams and Practice Exercise's* Gaurav Sinha,2025-04-04 This book is helpful for class 10 cbse science students [Study Guide Life](#)

Beck,1991 [Study Guide to Accompany Whitney, Hamilton Understanding Nutrition, Third Edition](#) Lorraine E. Bailey,Eleanor Noss Whitney,1984 Special or highlighted themes are included under most of the topic areas e g sugar addiction under the topic of overweight and underweight world hunger under the topic of fat soluble vitamins This study guide is aimed at improving the student s understanding of nutritional concepts and their impacts on health **Study Guide to Accompany Nutrition, Concepts and Controversies** Agnes Hartnell,1985 Abstract Important nutrition facts and principles presented in a comprehensive text on current nutrition concepts and controversies are emphasized in this accompanying study guide For each chapter the study guide includes an overview list of objectives outline and key terms with space for reading and lecture notes definitions and chapter review questions i e short answer matching multiple choice and answer key Chapter topics include 1 an overview of the human body 2 the problem of food choices 3 nutrient needs and nutrition surveys 4 energy balance overweight and underweight 5 food composition and safety and 6 measures for improving one s diet The following nutrients are examined in detail carbohydrates sugar starch fiber lipids proteins vitamins minerals and water Nutrient requirements throughout the life cycle i e pregnancy infancy childhood adolescence adulthood are also reviewed Supplementary topics include the role of doctors in nutrition the appropriateness of dietary guidelines nutrition and acne and nutrition and cancer Appendices list reliable and unreliable sources of nutrition information and present a series of self study exercises and accompanying forms for evaluating individual dietary and exercise habits aje [Study Guide for Sizer and Whitney's Nutrition Concepts and Controversies](#) Frances Sizer,Ellie Whitney,Jana R. Kicklighter,2005-05 The study guide provides students with a detailed review of chapter material reiterating chapter objectives and key concepts The guide challenges students with crossword puzzles and matching exercises reviewing glossary terms from the chapter and probing short answer and essay questions to test the students overall grasp of the material Included is a sample test for each chapter as well as helpful study tips **Study Guide and Workbook Access to Health** Patrick Moffit,1988 **Student Study Guide for Biology [by] Campbell/Reece/Mitchell** Martha R. Taylor,1999 **Instructional Materials** University of Illinois at Urbana-Champaign. Vocational Agriculture Service,1989 **Study Guide to Accompany Biology, Third Edition, by Arms & Camp** Virginia Fry,1987 **Study Guide & Activities Manual to Accompany Nutrition Science & Applications** Marilyn Mook,1997 [Student Study Guide for Biology \[by\] Campbell/Reece](#) Martha R. Taylor,2002 Marty Taylor Cornell University Provides a concept map of each chapter chapter summaries a variety of interactive questions and chapter tests *Study Guide to Accompany Raven and Johnson Biology* David A. Stetler,1986 *Human Biology* Sylvia S. Mader,1997-07 **Michigan Test for Teacher Certification Study Guide** ,2001

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