

STUDY GUIDE: CHAPTER 9 — GASTROINTESTINAL FUNCTION

1. GI SYSTEM OVERVIEW

Term	Meaning
Alimentary canal	The path food travels: mouth → anus.
Accessory organs	Organs that help digestion: liver, pancreas, gallbladder.

► Four Layers of GI Tract Wall

- **Mucosa:** Inner layer, secretes mucus.
 - **Submucosa:** Contains blood vessels and nerves.
 - **Muscularis:** Controls movement.
 - **Serosa:** Protective outer layer.
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2. KEY ORGANS & FUNCTIONS

Organ	Function
Liver	500+ functions: detox, bile production, stores nutrients, regenerates.
Pancreas	Exocrine: enzymes, Endocrine: insulin.
Stomach	Breaks down food with acid.
Small intestine	Absorbs nutrients.
Large intestine	Absorbs water and forms feces.

3. COMMON GI CONDITIONS

Congenital Disorders

Condition	Description
Cleft lip/palate	Facial deformity causing feeding/speech issues. Requires surgery.
Esophageal atresia	Esophagus ends in a pouch, often linked with tracheoesophageal fistula (TEF). Needs surgery.
Pyloric stenosis	Thickened pylorus blocks stomach exit. Signs: projectile vomiting, weight loss. Treated surgically.

Functional Disorders

Mss Ch 9 Study Guide

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CCNP Routing and Switching Foundation Learning Guide Library Diane Teare, Bob Vachon, Rick Graziani, Richard Froom, Erum Frahim, Amir Ranjbar, 2015-04-28 CCNP Routing and Switching Foundation Learning Library ROUTE 300 101 SWITCH 300 115 TSHOOT 300 135 contains three books that provide early and comprehensive foundation learning for the three new required exams for CCNP certification Implementing Cisco IP Routing ROUTE Foundation Learning Guide CCNP ROUTE 300 101 Implementing Cisco IP Switched Networks SWITCH Foundation Learning Guide CCNP SWITCH 300 115 Troubleshooting and Maintaining Cisco IP Networks TSHOOT Foundation Learning Guide CCNP TSHOOT 300 135 This package is a comprehensive self study tool for learning the material covered in the three new CCNP exams The books are intermediate level texts that assume that readers have been exposed to beginner level networking concepts contained in the CCNA ICND1 and ICND2 certification curriculum No previous exposure to the CCNP level subject matter is required so the books provide a great deal of detail on the topics covered Within the Authorized Self Study Guide series each chapter opens with a list of objectives to help focus the reader s study Real world case studies sprinkled throughout help illuminate theoretical concepts Key terms will be highlighted and defined as they are first used Each chapter will conclude with a summary to help review key concepts as well as review questions to reinforce the reader s understanding of what was covered

Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide Diane Teare, Bob Vachon, Rick Graziani, 2015 This is a Cisco authorized self paced learning tool for CCNP preparation This book teaches readers how to design configure maintain and scale routed networks that are growing in size and complexity The book covers all routing principles covered in the CCNP Implementing Cisco IP Routing course This intermediate level text assumes that readers have been exposed to beginner level networking concepts contained in the CCNA ICND1 and ICND2 certification curriculum No previous exposure to the CCNP level subject matter is required so the book provides a great deal of detail on the topics covered

Guide to Microforms in Print ,1986 *Guillaume de Machaut* Lawrence Earp, 2013-08-21 This book provides an overview of the current state of research on Machaut the major figure of 14th century French music and poetry giving fair representation to the many areas of Machaut research that are pursued in fields outside music Coverage of the current state of knowledge on each of the manuscripts includes the newly discovered Aberystwyth manuscript described in detail here for the first time A section on the large narrative poems pulls together recent research of several scholars and offers new views An up to date concordance of the miniatures in all of the illustrated Machaut manuscripts gives information on where published studies and facsimiles may be found The discography is the most complete list of Machaut recordings yet compiled and provides critical evaluations of recordings most valuable for instruction according to our latest conception of performance practice in the 14th century A biography section organizes the documentary material in a way that will facilitate further research The bibliography of secondary works cites books editions articles and dissertations including forthcoming

works from 1740 to 1991 in French English the other western European languages Polish Russian and Japanese The volume is fully indexed

Ch. 9-11. Early spread of Christianity in interior Asia, Persia, Armenia, and India Augustus J. Thébaud, 1878

Subject Guide to Books in Print, 1971

Buried by the Times Laurel Leff, 2005-03-21 An in depth look at how The New York Times failed in its coverage of the fate of European Jews from 1939-45 It examines how the decisions that were made at The Times ultimately resulted in the minimizing and misunderstanding of modern history's worst genocide

Laurel Leff a veteran journalist and professor of journalism recounts how personal relationships at the newspaper the assimilationist tendencies of The Times Jewish owner and the ethos of mid century America all led The Times to consistently downplay news of the Holocaust It recalls how news of Hitler's final solution was hidden from readers and because of the newspaper's influence on other media from America at large

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Reader's Guide to Periodical Literature Supplement, 1922

Academy, with which are Incorporated Literature and the English Review, 1878

Notes on the Nicomachean Ethics of Aristotle John Alexander Stewart, 1892

The Classical Review, 1925

A Commentary, Critical and Explanatory, on the Old and New Testaments Robert Jamieson, 1871

The Variorum Edition of the New Testament of Our Lord and Saviour Jesus Christ Robert Lowes Clarke, Alfred Goodwin, William Sanday, 1881

The Variorum Edition of the Holy Bible, 1881

"A" Commentary, Critical and Explanatory, on the Old and New Testaments: Old Testament. Genesis-Esther Robert Jamieson, Andrew Robert Fausset, David Brown, 1890

The Universalist Quarterly and General Review, 1871

The Theology of the Hypostatic Union in the Early Thirteenth Century Walter Henry Principe, 1963

The Librarians' Guide Reginald Gordon Williams, Mark Meredith, 1929

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