Head Neck and Dental Anatomy 5th edition Short Solutions Manual

SKU: 9780357457122-SOLUTIONS

Instructor Manual

Short/Levin-Goldstein, Head, Neck and Dental Anatomy, 5e, 9780357457122; Chapter 1: Nomenclature

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Purpose and Perspective of the Chapter

This chapter identifies dental anatomy, the names, structures, and function of various teeth.

Cengage Supplements

The following product-level supplements provide additional information that may help you in preparing your course. They are available in the Instructor Resource Center.

- PowerPoint: Chapter 1
- Test Bank: Chapter 1
- Instructor Manual: Chapter 1
- Solution and Answer Guide: Chapter 1

Chapter Objectives

The following objectives are addressed in this chapter:

01.01 Identify the names of the teeth, the two dental arches, the permanent teeth, the deciduous teeth, and the anterior and posterior teeth.

01.02 Name the order of the teeth in which they are positioned in the dental arch. Identify the function of each tooth and the eruption sequence of both deciduous and permanent teeth.

01.03 Define the key terms noted in boldface.

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Key Terms

Abrasion: decrease in height of tooth

Active eruption: initial eruption period

Anterior: teeth in the front

Attrition: wearing away of the biting or chewing surface

Deciduous: primary teeth

Dentition: set of teeth

Diphyodont: species with two successive sets of teeth

Eruption: process of tooth development in which teeth enter mouth and become visible

Exfoliate: shed

Heterodont: species with different types of teeth

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Mastication: chewing

Mixed dentition: some permanent and some deciduous teeth in the oral cavity

Passive eruption: when the gum line recedes, exposing more of the tooth

Permanent: lasting

Polyphyodont: Species with several sets of teeth during life

Posterior: those teeth in the back

Succedaneous: permanent teeth that replace or succeed deciduous teeth

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What's New in This Edition

The following elements are improvements in this edition from the previous edition:

In this edition, the design and art program have been revised and improved to enhance the learning experience. Anatomic illustrations and diagrams have been updated to represent, as closely as possible, the actual human structures. A new text design presents the content and accompanying illustrations in a very effective and user-friendly layout. Multiple-choice questions have been added or updated in the end-of-chapter worksheets as well.

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Chapter Outline

I. The Dentition
   a. Primary or Deciduous Dentition
   b. Permanent Dentition
II. Names and Functions of the Teeth
   a. Primary or Deciduous Teeth
   b. Permanent Teeth
III. The Arrangement of the Teeth
   a. Tooth Description
IV. The Eruption Sequence
V. Summary

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Appendix

Generic Rubrics

Providing students with rubrics helps them understand expectations and components of assignments. Rubrics help students become more aware of their learning process and progress, and they improve students' work through timely and detailed feedback.

Customize this rubric template as you wish. Both the writing rubric and the discussion rubric indicate 30 points.

Standard Writing Rubric

Criteria	Meets Requirements	Needs Improvement	Incomplete
Content	The assignment clearly and comprehensively addresses all questions. 15 points	The assignment partially addresses some or all questions. 8 points	The assignment does not address the questions. 0 points
Organization and Clarity	The assignment presents ideas in a clear manner and with strong organizational structure. Coverage of facts, arguments, and conclusions are logically related and consistent. 10 points	The assignment presents ideas in a mostly clear manner and with a mostly strong organizational structure. Coverage of facts, arguments, and conclusions are mostly logically related and consistent. 7 points	The assignment does not present ideas in a clear manner and with strong organizational structure. Coverage of facts, arguments, and conclusions are not logically related and consistent. 0 points
Grammar and Spelling	The assignment has two or fewer grammatical and spelling errors. 5 points	The assignment has three to five grammatical and spelling errors. 3 points	The assignment is incomplete or unintelligible. 0 points

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Standard Discussion Rubric

Criteria	Meets Requirements	Needs Improvement	Incomplete
Participation	Submits or participates in discussion by the posted deadlines. Follows all instructions for initial post and responses. 5 points	Does not participate or submit discussion by the posted deadlines. Does not follow instructions for initial post and responses. 3 points	Does not participate in discussion. 0 points
Contribution Quality	Comments stay on task. Comments add value to discussion topic. Comments motivate other students to respond. 20 points	Comments may not stay on task. Comments may not add value to discussion topic. Comments may not motivate other students to respond. 10 points	Does not participate in discussion. 0 points
Etiquette	Maintains appropriate language. Offers criticism in a constructive manner. Provides both positive and negative feedback. 5 points	Does not always maintain appropriate language. Offers criticism in an offensive manner. Provides only negative feedback. 3 points	Does not participate in discussion. 0 points

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