**DENT 111: ORAL ANATOMY**

**STUDY GUIDE FOR THE DENTO-OSSEOUS STRUCTURES**

**Let’s Begin**

This lecture focuses on the bones that support or are part of the oral cavity. The two main bones that are associated with the oral cavity are the maxilla and the mandible. You will encounter these bones again in the next semester as you study Head and Neck Anatomy. For now, just be familiar with the maxilla and the mandible, the importance of each skeletal structure and how they are related to the other structures in the oral cavity and the stomatognathic system.

**Read/Watch**

**Read/View**

1. Chapter 14 “Dento-Osseous Structures, Blood Vessels, and Nerves” of your textbook “Wheeler’s Dental Anatomy Physiology and Occlusion” 10th edition by Stanley J. Nelson pp. 231-241.

Alternatively or in addition, you can read Chapter 14 “Structures that Form the Foundation for Tooth Function. Woelfel’s Dental Anatomy 8th ed by Scheid and Weiss pp 377-398. Try to answer the review questions at the end.

1. Powerpoint presentation on Dento-Osseous Structures by Dr. M. Segarra

**Attend** Synchronous Online Discussion with Dr. M. Segarra via Zoom

**Think**

Answers will be discussed during the online synchronous discussion session. For those using the printed course packs, please email me your answers at mssegarra@up.edu.ph.

1. Give the 4 surfaces of the maxilla
2. Give the 4 processes of the maxilla
3. What are the 2 bones that make up the skeletal framework of the hard palate?
4. What are the 2 bones that make up the cheekbone or zygomatic bone?
5. Give the parts of the alveolar processes.
6. Give the two main parts/divisions of the mandible.
7. Where is the mandibular foramen found? Be very specific with your answer.
8. Name the 2 processes of the mandible.
9. What part of the mandible makes up the skeletal framework of the chin?
10. What is the name of the foramen found on the external surface of the mandible at the area of the apices of the premolars?

**Dig Deeper**

***Maxillary Bone***

Read this tutorial found on this link…

<https://www.getbodysmart.com/skeletal-system/maxilla-bone-anatomy>

Answer the quiz found at the end of the tutorial.

***Mandible***

Read the tutorial found on this link…

<https://www.getbodysmart.com/skull-facial-bones/mandible-bone-anatomy>

Answer the quiz found at the end of the tutorial.