

## Chapter 48: General Dentistry

Directions: MULTIPLE CHOICE, circle the correct answer

1. Restorative dentistry is indicated to restore teeth to their original structure. Conditions that would indicate the need for restorative dentistry include:
  - a. initial or recurring decay.
  - b. replacement of failed restorations.
  - c. abrasion or wearing away of tooth structure.
  - d. all of the above.
  
2. Esthetic dentistry is primarily devoted to improving the appearance of teeth; specific conditions that indicate a need for esthetic treatment include the replacement of a partial denture.
  - a. True
  - b. False
  
3. The process of removing unhealthy tooth structure while leaving a limited amount of healthy structure for the tooth to maintain a restoration is known as cavity preparation. This process involves which of the following steps?
  - a. Initial preparation
  - b. Outline, resistance, retention, & convenience form
  - c. Final preparation
  - d. All of the above
  
4. Responsibilities of the dental assistant in the restorative process can include: performing expanded functions and maintaining patient control. A. True B. False
  
5. Class II restorations are found on:
  - a. anterior teeth.
  - b. posterior teeth
  - c. canines.
  - d. incisors
  
6. The usual material of choice for class III and class IV restorations is:
  - a. composite resin.
  - b. amalgam
  - c. glass ionomer.
  - d. ceramic
  
7. The class V restoration is classified as a smooth surface filling and can be found on:
  - a. incisors.
  - b. canine(cuspid)
  - c. premolars.
  - d. all of the above
  
8. When are retention pins used as a part of the direct restorative process?
  - a. When decay has extended beyond the normal size and shape of the cavity preparation
  - b. When a stronger system for retaining and supporting the restoration is needed
  - c. When one or more cusps of the tooth is missing
  - d. All of the above
  
9. A veneer is a thin layer of tooth-colored material that is placed on the facial surface of a prepared tooth and is used for:
  - a. improving the appearance of teeth that are abraded, eroded, or discolored.
  - b. closing a diastema.
  - c. improving alignment of teeth.
  - d. all of the above.
  
10. When is tooth whitening or vital bleaching not indicated for a dental patient?
  - a. When a patient presents with severe tetracycline and fluorosis stains
  - b. When a patient presents with extrinsic stains from foods, cigarette smoking, coffee, or tea
  - c. When a patient presents with aged teeth
  - d. When a patient presents with intrinsic stains, such as mild tetracycline stains or mild fluorosis

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Section: Theory

**THEORY LEARNING PLAN- CHAPTER 9**

**Info: Read and highlight chapter 9**

Answer the following questions on the lines provided

1. How many paired bones are there in the skull? \_\_\_\_\_
2. How many single bones are there in the skull? \_\_\_\_\_
3. What is the total number of bones in the skull? \_\_\_\_\_
4. What does TMJ mean? \_\_\_\_\_
5. What are the two actions the TMJ does? \_\_\_\_\_ and \_\_\_\_\_
6. What is the TMJ joint fluid called? \_\_\_\_\_ fluid
7. What are the parts of the TMJ? And define them.

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8. What does oral mucosa mean? \_\_\_\_\_
9. What is the hyoid bone and where is it?

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10. What artery supplies the major blood supply to the face and mouth?

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11. List the 3 **body planes** and describe the divisions each one has. PAGE 47 Chapter 6

1. \_\_\_\_\_ -

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2. \_\_\_\_\_ -

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3. \_\_\_\_\_ -

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12. List the three **types of muscles** and what they do.

1. \_\_\_\_\_ -

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2. \_\_\_\_\_ -

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3. \_\_\_\_\_ -

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Name: \_\_\_\_\_

Date: \_\_\_\_\_

Section: Theory

13. What do they call the places where **muscles begin** \_\_\_\_\_  
and **end** \_\_\_\_\_

14. List the major muscles around the face and where they are located.

1. \_\_\_\_\_ - \_\_\_\_\_
2. \_\_\_\_\_ - \_\_\_\_\_
3. \_\_\_\_\_ - \_\_\_\_\_
4. \_\_\_\_\_ - \_\_\_\_\_

15. What are the four muscles of mastication

1. \_\_\_\_\_ - \_\_\_\_\_
2. \_\_\_\_\_ - \_\_\_\_\_
3. \_\_\_\_\_ - \_\_\_\_\_
4. \_\_\_\_\_ - \_\_\_\_\_

16. List the sinuses and where they are located. Be able to locate them on your face.

1. \_\_\_\_\_ - \_\_\_\_\_
2. \_\_\_\_\_ - \_\_\_\_\_
3. \_\_\_\_\_ - \_\_\_\_\_
4. \_\_\_\_\_ - \_\_\_\_\_

17. Which sinus is the largest? \_\_\_\_\_ smallest? \_\_\_\_\_

18. How many pairs of cranial nerves are there? \_\_\_\_\_

19. What functions do nerves control? \_\_\_\_\_  
\_\_\_\_\_

20. What are the seven functions of salivary glands

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Section: Theory

## **Ch. 34 Dental Instruments Theory Learning Plan**

**Info Needed: MDA Ch 34**

**Terminology Ch. 4 Practice and Facility Setups Handout**

- Read and Highlight MDA Ch. 34 and Ch. 4**
- Complete Workbook exercise for Ch. 34**
- Complete Ch 4 Practice and Facility Setup Exercise in the back of the handout**
- Answer the following questions**

**1. What does the term "order of use" or 'sequence of use' mean?**

\_\_\_\_\_

**2. What does color-coding mean?**

\_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Section: Theory

## LAB CH. 34 DENTAL INSTRUMENTS LEARNING PLAN

### COMPLETE THE FOLLOWING COMPETENCIES:

- Identify all the instruments on a BASIC SET-UP
- Identify all the instruments on a ANESTHETIC SET-UP
- Identify all the instruments on a PROPHY SET-UP
- Identify all the instruments on a AMALGAM TRAY
- Identify all the instruments on a COMPOSITE TRAY
- Identify all the instruments on a ENDODONTIC TRAY
- Identify all the instruments on a RUBBER DAM SET-UP
- Identify all the MISCELLANEOUS instruments on MISCELLANEOUS TRAY
- Identify all the LAB instruments on the LAB INSTRUMENT TRAY
- Identify all the instruments on an EXTRACTION TRAY
- Identify all the instruments on a CROWN AND BRIDGE TRAY
  
- COMPLETE THE INSTRUMENT USE WORKSHEET AFTER DEMO

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Section: Lab

### Sr. Head and Neck Anatomy Chapter 9 Lab Learning Plan

- Create **flashcards** for the following 11 terms-  
Foramen, Fossa, Process, Suture, Tuberosity, Periosteum, Cancellous bone,  
Compact Bone, Mandible, Condyle, Frenum
- Fill in all the diagrams in the packet- will do many together  
Have a classmate SIGN OFF on each of the following
- Identify all facial bones by pointing to them \_\_\_\_\_
- Identify all the parts of the jaw bone on a model \_\_\_\_\_
- Identify the parts of the TMJ on a diagram \_\_\_\_\_
- Locate all the nerve divisions on a diagram \_\_\_\_\_
- Locate all the supporting structures of the teeth on a diagram \_\_\_\_\_
- Locate all the sinuses and the ducts on a diagram and on yourself \_\_\_\_\_
- Locate all the salivary glands on a diagram and on yourself \_\_\_\_\_
- Locate the major muscle groups on your face \_\_\_\_\_
- Be able to say what each muscle does \_\_\_\_\_

*Competency*  
27-4

*Taking a Patient's Blood Pressure*

**Performance Objective:** The student will obtain and record a patient's blood pressure.

<b>Grading Criteria:</b>	<u>3</u>	Student meets criteria without assistance
	<u>2</u>	Student requires assistance to meet the stated criteria
	<u>1</u>	Student did not prepare accordingly for the stated criteria
	<u>0</u>	Not applicable

Criteria	Peer	Self	Instructor	Comment
1. Obtained the equipment and supplies required for taking a blood pressure.				
2. Placed on personal protective equipment.				
3. Had patient seated with the arm extended at heart level and supported.				
4. Rolled up the patient's sleeve if possible.				
5. Palpated the patient's brachial artery to feel for a pulse.				
6. Counted the patient's brachial pulse for 30 seconds.				
7. Multiplied the count by 2 for a 1-minute reading.				
8. Added 40 mm Hg to get inflation level.				
9. Readied the cuff by expelling any air.				
10. Placed the cuff around the patient's arm 1 inch above antecubital space, with arrow over the brachial artery.				
11. Tightened the cuff and closed it using the Velcro tabs.				
12. Placed earpieces of stethoscope properly.				

*Competency 27-4 continued*

<b>Criteria</b>	<b>Peer</b>	<b>Self</b>	<b>Instructor</b>	<b>Comment</b>
13. Placed stethoscope disc over site of brachial artery.				
14. Grasped rubber bulb, lock valve, and inflated cuff to note reading.				
15. Slowly released the valve and listened for sounds.				
16. Slowly continued to release air from the cuff until the last sound heard.				
17. Recorded a reading, and indicated which arm was used.				
18. Disinfected the stethoscope.				

*Total amount of points earned* \_\_\_\_\_

*Grade* \_\_\_\_\_ *Instructor's initials* \_\_\_\_\_