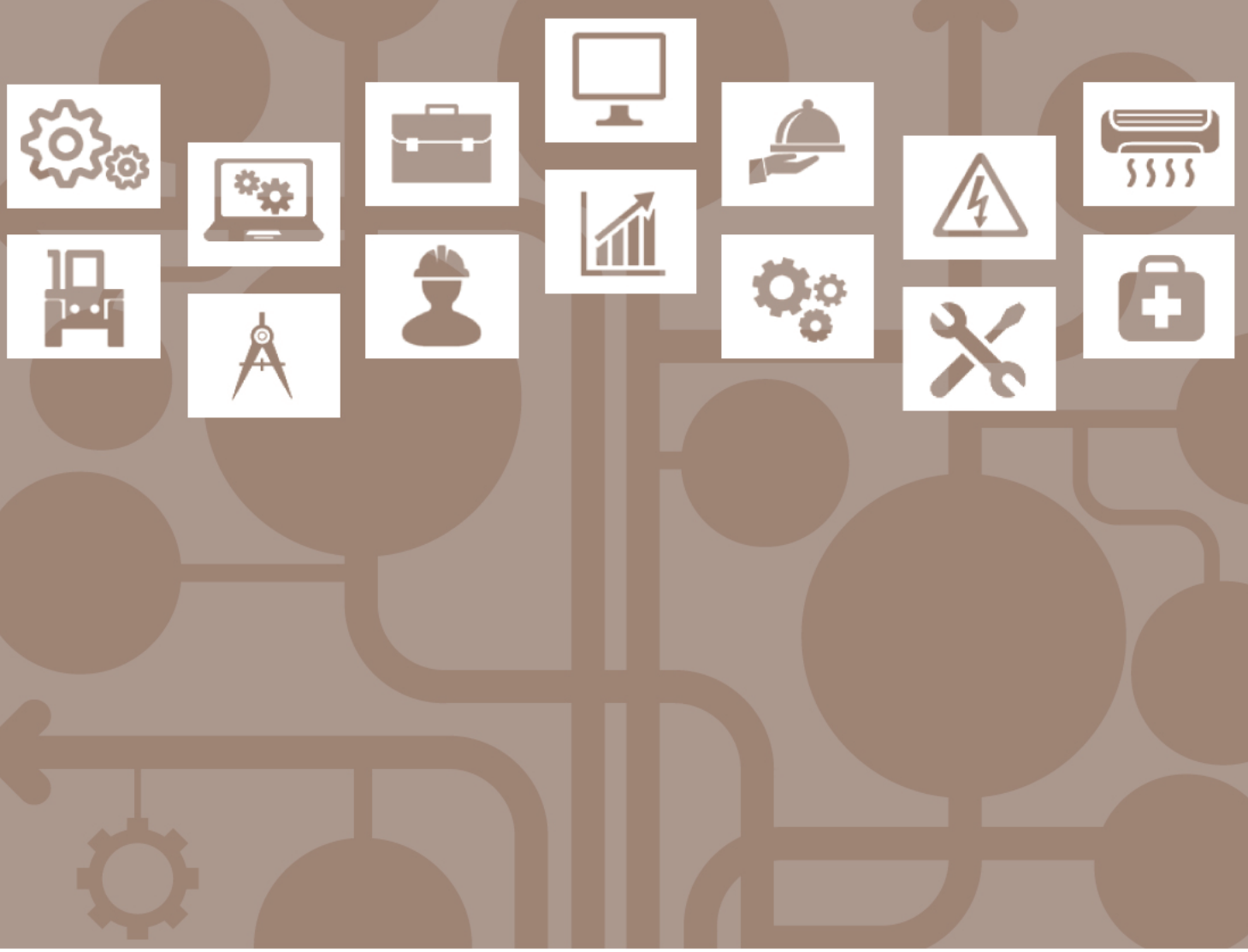
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Entry Level Assessment Blueprint

Dental Assisting



Test Code: 4326 / Version: 01

Specific Competencies and Skills Tested in this Assessment:

Introduction to the Dental Assisting Profession

- Demonstrate understanding of ethics and jurisprudence regulations as they relate to the dental profession
- Identify career roles, functions, professional organizations, and limitations of a dental assistant
- Identify the major dental specialties

Communication Skills and Business Office Procedures

- Demonstrate knowledge of documentation of patient record, status, and treatment
- Recognize importance of maintaining procedures for legal access to patient records according to HIPAA standards
- Demonstrate knowledge of scheduling and maintaining the appointment book



Infection Control and Safety

- Demonstrate understanding of steps to be followed after a bloodborne pathogen exposure incident
- Demonstrate knowledge of waste and hazardous materials disposal in compliance with federal regulations
- Demonstrate understanding of personal safety and hygiene maintenance according to CDC, EPA, and OSHA guidelines
- Demonstrate understanding of disease transmission and asepsis procedures
- Demonstrate understanding of pre-cleaning, disinfection, sterilization, and water line maintenance according to federal guidelines

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Specific Competencies and Skills continued:

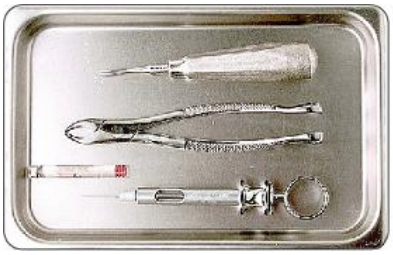
Laboratory Procedures/Materials and Instruments

- Demonstrate understanding of preparation of various impression materials (e.g., models)
- Identify laboratory equipment and their uses
- Demonstrate knowledge of safety and infection control

Chairside Procedures/Materials and Instruments

- Demonstrate knowledge of Vital Sign Assessment steps and medical history review
- Demonstrate knowledge of oral condition charting
- Demonstrate knowledge of moisture control maintenance during dental procedures
- Demonstrate understanding of how the armamentarium relates to composite resin and amalgam restorations
- Demonstrate knowledge of preparation of preliminary impressions and various temporary/permanent dental materials
- Demonstrate understanding of instrument and material transfer (e.g., 4-handed, 6-handed)

Radiological and Digital Imagery Procedures





- Demonstrate knowledge of radiological and digital imaging techniques
- Demonstrate understanding of the importance of radiation protection
- Demonstrate understanding of infection prevention and control techniques

Dental Sciences

- Demonstrate knowledge of head and neck anatomy
- Demonstrate understanding of numbering systems of permanent and primary dentitions
- Demonstrate understanding of the tissues of the teeth, the functions and landmarks of the oral cavity, and classifications of occlusions

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Specific Competencies and Skills continued:

Dental Pharmacology

- Demonstrate understanding of medications used in dentistry
- Demonstrate understanding of the use of anesthetic agents
- Demonstrate understanding of the principles of pharmacology
- Demonstrate knowledge of procedures related to medical emergencies and special needs

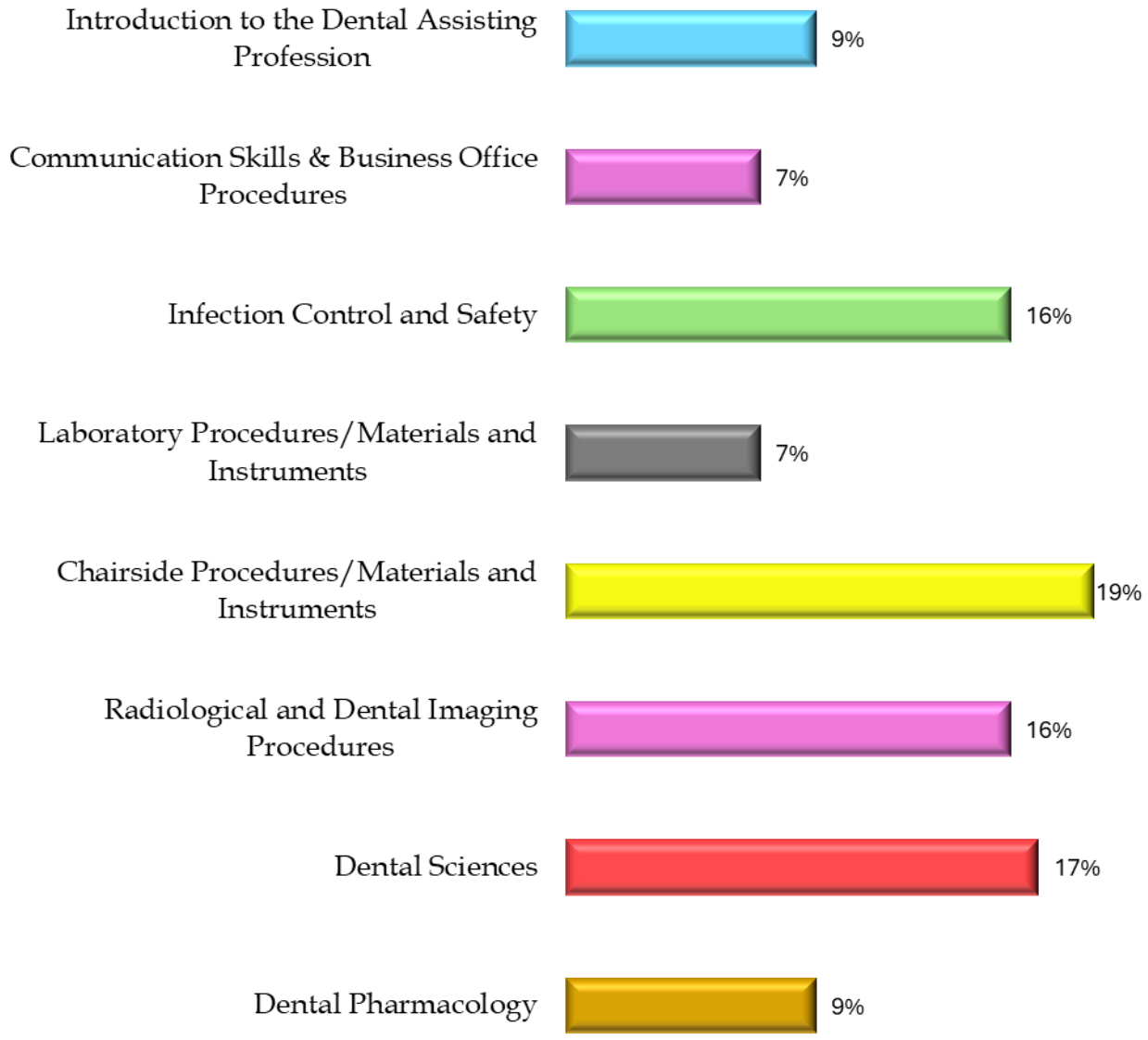


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Written Assessment:

Administration Time: 2 hours and 30 minutes
Number of Questions: 128

Areas Covered:



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Sample Questions:

Which dental specialty treats malocclusion?

A. endodontics
B. periodontics
C. orthodontics
D. prosthodontics

Disposable suction traps should be replaced _____ to maintain proper vacuum strength.

A. weekly
B. monthly
C. quarterly
D. annually

Dental handpieces should be lubricated

A. after removing from the ultrasonic
B. only when required by manufacturer
C. before each use, after sterilization
D. after each use, before sterilization

When measuring a patient's _____ the cuff is placed around the brachial artery.

A. pulse
B. respiratory rate
C. body temperature
D. blood pressure

When charting, green indicates treatment by

A. an endodontist
B. the doctor
C. the current office
D. another dentist

For surgical extraction, the correct suction tip to use is

A. saliva ejector
B. high-volume evacuator
C. surgical suction
D. air water syringe

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The _____ technique may be used in a situation where a patient has a small mouth, shallow palate, or the presence of tori.

A. paralleling
B. bitewing
C. bisecting
D. long-cone

After taking a digital radiograph, the _____ should be sterilized.

A. bite holder
B. X-ray cone
C. sensor
D. film

The horseshoe shaped bone under the tongue muscle is referred to as

A. vomer
B. mandible
C. sphenoid
D. hyoid

Another word for primary teeth is

A. succedaneous
B. edentulous
C. deciduous
D. supernumerary

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Performance Assessment:

Administration Time: 1 hour and 50 minutes
Number of Jobs: 8

Areas Covered:

14% **Procedure 1: Treat a Contaminated Tray and Prepare Instruments for Sterilization**
Participant will assemble materials and equipment necessary, separate waste, sort instruments, place into ultrasonic, turn on and verbalize process, remove instruments, and prepare for autoclaving.

8% **Procedure 2: Oral Hygiene Instructions**
Participant will demonstrate and explain the proper technique for brushing and flossing.

7% **Procedure 3: Mix IRM**
Participant will demonstrate the proper technique for mixing IRM, test for proper consistency, and clean area when finished.

16% **Procedure 4: Assemble and Disassemble Aspirating Syringe**
Participant will properly assemble and disassemble an aspirating syringe in preparation for a block injection following the correct safety and sanitation procedures.

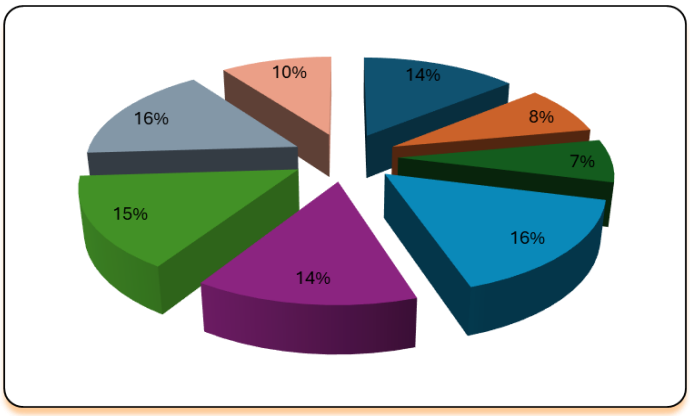
14% **Procedure 5: Take an Impression**
Participant will properly assemble the appropriate armamentarium, make and disinfect the impression following the correct safety and sanitation procedures.

15% **Procedure 6: Prepare a Class III (Anterior) Composite Tray**
Participant will choose the appropriate instruments and armamentarium for composite restoration following the correct safety and sanitation procedures.

16% **Procedure 7: Position HVE and Air-Water Syringe and Transfer Instruments**
Participant will assist operator in a chairside procedure demonstrating the correct placement and transfer of the HVE, air water syringe, and necessary instruments following operators' instructions, then disassemble HVE and air water syringe and clean area.

10% **Procedure 8: Assemble XCP**
Participant will assemble and present holder for maxillary anterior exposure, mandibular left posterior exposure, and bitewing exposure.

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Sample Job: Procedure 1 – Treat a Contaminated Tray and Prepare Instruments for Sterilization

Maximum Time: 10 minutes

Participant Activity: Participant will assemble materials and equipment necessary to prepare instruments for autoclaving, separate waste, sort instruments and place into ultrasonic, provide verbal instructions, remove instruments, and prepare for autoclaving.

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