



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
LANSING

MIKE ZIMMER  
DIRECTOR

## RDA Written Examination Format

The Written Examination consists of multiple-choice questions covering the following areas:

### I. Collection & Recording of Clinical Data

- (1) Obtain and record patient medical and dental history (e.g. prescriptions, allergies, diseases, etc.)
- (2) Assess and note patient's general physical condition and note any abnormal characteristics
- (3) Assess patient's extraoral condition (e.g. swelling, lesions, paralysis)

#### Intraoral – Soft Tissue

- (4) Identify/name typical abnormalities (e.g. fordyce spots, petechiae, gingivitis)
- (5) Identify/name atypical abnormalities (e.g. leukoplakia, herpetic lesions, tumors)
- (6) Describe/note abnormalities (e.g. swollen, red, round 1 mm)

#### Teeth and Related Conditions

##### Identify

- (7) Caries
- (8) Decalcification
- (9) Restorations
- (10) Morphological conditions
- (11) Rotated teeth
- (12) Missing teeth
- (13) Faulty restorations
- (14) Prosthetics
- (15) Hypoplasia/Stain
- (16) Supragingival Calculus
- (17) Gingival contour

##### Chart

- (18) Caries
- (19) Decalcification
- (20) Restorations
- (21) Morphological conditions
- (22) Rotated teeth
- (23) Missing teeth
- (24) Faulty restorations
- (25) Prosthetics
- (26) Gingival contour
- (27) Occlusion (Angle's classification, overbite, overjet, crossbite)

### **Diagnostic Aids**

- (28) Take impressions for diagnostic study casts

### **Vital Signs**

- (29) Take and record temperature
- (30) Take and record pulse rate and description
- (31) Measure and record blood pressure
- (32) Observe and record respiration rate

## **II. Chairside Dental Procedures**

- (33) Perform four-handed dentistry techniques (e.g. instrument transfer, evacuation)
- (34) Select and prepare armamentarium/instruments
- (35) Assist with intra-oral procedures

## **III. Patient Management/Education/Communication**

- (36) Calm and reassure apprehensive patient
- (37) Monitor/record patient response to drugs/medication

### **Give Pre/Post Treatment Instructions**

- (38) Fluoride
- (39) Rubber dam
- (40) Temporary intracoronal restoration
- (41) Pit and fissure sealant
- (42) Temporary crown restoration
- (43) Topical anesthetics
- (44) Suture removal
- (45) Periodontal dressing
- (46) Orthodontic procedures

### **Give Oral Health Instructions**

- (47) Plaque control
- (48) Diet counseling

### **Answer Patient Questions**

- (49) Fluoride
- (50) Radiography
- (51) Sealants
- (52) Restorative Procedures

## **IV. Prevention of Disease Transmission**

- (53) Sterilize dental instruments, equipment and supplies
- (54) Disinfect dental instruments, equipment and supplies
- (55) Implement procedures required to prevent/minimize disease transmission

### **Prevent Cross-Contamination and Disease-Transmission at Chairside**

- (56) Use disposable equipment, instruments, supplies whenever possible
- (57) Use masks, gloves, fingercots, glasses, drapes and other safety items

## **V. Prevention and Management of Emergencies**

- (57) Recognize patient medical conditions that may require dentist's attention (e.g. allergies, cardiovascular disease, epilepsy)
- (58) Recognize patient signs and symptoms, indicative of medical emergencies (e.g. seizure, syncope, hyperventilation)
- (59) Perform defined role in office emergency plan (e.g. get first aid kit, call ambulance)
- (60) Assist in management of medical emergencies

## **VI. Occupational Safety**

- (61) Incorporate safety measures when using toxic materials or irritants (e.g. mercury, bonding light)

## **VII. Legal Aspects of Dentistry**

### **Records**

- (62) Identify the legal significance of medical and dental histories
- (63) Identify items included as part of a legally documented patient record
- (64) File items, including radiographs, histories, correspondence, etc. into individual patient records
- (65) Record pertinent patient communications
- (66) Obtain consent for routine and emergency office dental care

### **Legal Responsibilities**

- (67) Identify factors/precautions necessary to prevent lawsuits against dental personnel
- (68) Maintain the patient's right to privacy
- (69) Recognize the legal responsibilities/functions of dental personnel in relation to state dental laws (e.g. direct supervision, general supervision, scope of practice)

## **III. Dental Radiography**

### **Expose and Evaluate**

- (70) Select appropriate film
- (71) Select accessories for radiographic techniques (e.g. film holders, cassettes)

### **Expose Dental Films**

- (72) Intraoral
- (73) Extraoral (panoramic)

### **Evaluate Radiographs for Diagnostic Value**

- (74) Identify errors of exposure
- (75) Make necessary corrections

### **Process**

- (76) Prepare radiographic solutions for manual processors
- (77) Prepare radiographic solutions for automatic processors
- (78) Process exposed intraoral & extraoral dental radiographs
- (79) Identify errors of processing techniques
- (80) Correct errors

### **Mounting and Labeling**

- (81) Mount and label radiographs
- (82) Identify anatomical structures

### **Identify Questionable Areas To Be Brought to Dentist's Attention**

- (83) Caries
- (84) Unerupted third molars
- (85) Bone level
- (86) Morphological conditions
- (87) Periapical pathology
- (88) Calculus
- (89) Restorations
- (90) Fractures
- (91) Root canal fillings
- (92) Retained root tips

### **Chart/Record According to Dentist's Diagnosis**

- (93) Caries
- (94) Unerupted third molars
- (95) Bone level
- (96) Morphological conditions
- (97) Periapical pathology
- (98) Calculus
- (99) Restorations
- (100) Fractures
- (101) Root canal fillings
- (103) Retained root tips

### **Safety**

- (104) Apply principles of radiation protection in the operation and maintenance of radiographic equipment
- (105) Perform patient management techniques related to dental radiography
- (106) Practice safety measures to provide protection to patient from radiation
- (107) Practice safety measures to provide protection to operator from radiation
- (108) Monitor the number of exposures to patient
- (109) Monitor the amount of radiation exposure to operator

## **IX. Intraoral Functions/Procedures**

### **Rubber Dam**

- (110) Select and prepare materials (e.g. clamps, rubber dam, instruments)
- (111) Place rubber dam

### **Assess the Following**

- (112) Fit of clamp
- (113) Inversion
- (114) Patient safety (e.g. ligation of clamp)

### **Anchoring of Dam**

- (115) Clamp
- (116) Ligature
- (117) Dam stop
- (118) Remove rubber dam

### **Topical Fluoride**

- (119) Select and prepare materials (e.g. fluoride type, method of application, supplies)

### **Apply Topical Fluoride (e.g. time, technique, procedure)**

- (120) Phosphate gel
- (121) Phosphate liquid

### **Assess Patient Safety**

- (122) Ingestion of topical fluoride
- (123) Tissue status

### **Pit and Fissure Sealant**

- (124) Select and prepare materials (e.g. type, method of application, supplies)

### **Prepare Tooth Surfaces With**

- (125) Cotton pellet

### **Apply Sealant**

- (126) Light cured
- (127) Self cured

### **Temporary Intracoronal Restorations**

#### **Select and prepare materials**

- (128) Zinc phosphate
- (129) ZOE
- (130) Acrylic
- (131) Place temporary intracoronal restoration
- (132) Finish temporary intracoronal restorations (e.g. occlusion, smoothness, margins)
- (133) Remove temporary intracoronal restorations

### **Temporary Crown**

#### **Select and Prepare Material**

- (134) Stainless steel
- (135) Acrylic preformed
- (136) Acrylic custom
- (137) Aluminum shell
- (138) Aluminum preformed
- (139) Adapt temporary crown restorations (e.g. occlusions, margins, trim)

### **Cement/Place**

- (140) Individual
- (141) Bridge unit

## **Remove**

- (141) Remove temporary crown restorations

## **Topical Anesthetics**

- (143) Select and prepare materials
- (144) Determine site of administration

## **Apply**

- (145) Non-aerosol

## **Assess**

- (146) Assess patient status (e.g. swallowing/breathing, ingestion of excess anesthesia)

## **Suture Removal**

- (147) Select and prepare materials
- (148) Assess tissue status before removal
- (149) Remove sutures
- (150) Assess tissue status after removal

## **Periodontal Dressing**

- (151) Select and prepare materials
- (152) Place dressing
- (153) Adapt dressing (e.g. contour, trim, uniform thickness)
- (154) Remove dressing
- (155) Assess tissue status

## **Orthodontic Procedures**

- (156) Size bands
- (157) Place ligatures, identify loose bands
- (158) Instruct in headgear
- (159) Place separators
- (161) Remove separators

## **Selective Polishing**

- (161) Select & prepare materials
- (162) Determine the surfaces to be polished
- (163) Polish selected surfaces with slow speed rotary handpiece

## **Assess Patient Safety**

- (164) Establish and maintain fulcrum or finger support
- (165) Maintain appropriate pressure

## **Placing/ Packing Nonepinephrine Retraction Cords**

- (166) Select and prepare materials
- (167) Place and pack nonepinephrine cords

## **Taking Final Impressions for Indirect Restorations**

### **Select and prepare materials**

- (168) Vinylpolysiloxane
- (169) Polyether
- (170) Silicone
- (171) Reversible hydrocolloid

### **Take impression**

- (172) Single unit
- (173) Multiple unit bridge
- (174) Assess impression

### **Tooth Desensitization**

- (175) Indications for use
- (176) Select and prepare materials (e.g. desensitizing agent, instruments, supplies)
- (177) Prepare tooth
- (178) Place desensitizing agent

## **Placing Dental Liners/Cements/Varnishes**

### **Select and prepare materials**

- (179) Calcium hydroxide
- (180) Zinc oxide eugenol
- (181) Zinc phosphate
- (182) Carboxylate
- (183) Glass ionomer
- (184) Resin
- (185) Varnish

### **Place and cure as indicated**

- (186) Select appropriate cement and placement instruments
- (187) Indications for use
- (188) Contraindications for use

### **Drying Endodontic Canals with Absorbent Paper Points**

- (189) Select and prepare materials (e.g. points, instruments)
- (190) Dry canals

### **Placing and Removing Matrices and Wedges**

- (191) Select and prepare materials (e.g. strips, retainers, bands, wedges, instruments)
- (192) Indications for use
- (193) Place band
- (194) Place wedge
- (195) Remove band
- (196) Remove wedge

### **Pulp Vitality Testing**

- (197) Test vitality with electric pulp tester
- (198) Test vitality with heat/cold
- (199) Test vitality with percussion
- (200) Potential complications

### **Place, Pack and Carve Amalgam Restorations**

- (201) Select and prepare materials (e.g. alloy, amalgamator, instruments)
- (202) Place amalgam
- (203) Condense amalgam
- (204) Carve amalgam
- (205) Check occlusion

Please Note: The candidate will be expected to have a basic knowledge of normal vs. abnormal conditions present in the oral cavity. This may include naming a condition from a description (i.e. fordyce spots, decalcification)

Instrumentation and use of dental materials are included in the specific categories to which they apply. Example: Cements are examined under the categories, Temporary Crowns and Temporary.