

Name: [Signature]

Seat Number: 26 A-3

Restorative Dentistry D262
Quiz # 6A June 7, 2001

Number correct: _____
Graded by: _____

1. Type III gold can be burnished against the tooth to help seal a margin. Crown margins that extend subgingival can be burnished intraorally using a beavertail burnisher or a fine stone.

- a. Both statements are true
c. Statement one is true; statement two is false
b. Both statements are false
d. Statement one is false; statement two is true

2. True or false. The proximal contacts of posterior teeth are located in the occlusal third of the crowns except for the contacts between the maxillary first and second molars, which are located in the middle third.

3. True or false. The proximal contacts are located slightly to the facial aspect of the middle of the posterior teeth, except for the contacts between maxillary first and second molars, which are generally centered faciolingually.

4. True or false. The height of contour on the facial surface of posterior teeth usually occurs in the cervical third.

5. True or false. The part of the axial contour that extends from the base of the gingival sulcus past the free margin of the gingival has been described as the emergence profile.

6. Of great importance in the investing of wax patterns is the fact that the molten alloys used for dental restorations shrink upon solidification; gold alloys shrink by approximately 1.5 %.

- a. Both statements are true
c. Statement one is true; statement two is false
b. Both statements are false
d. Statement one is false; statement two is true

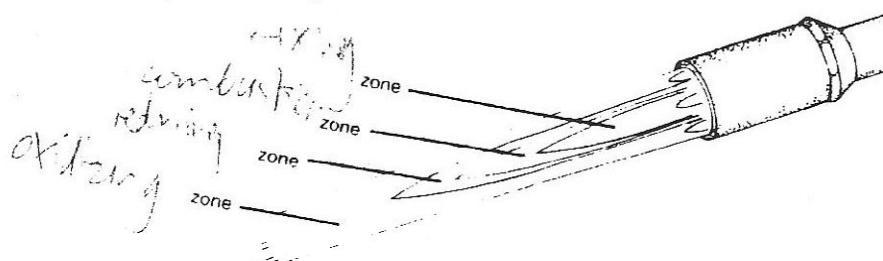
7. When trying in a full gold casting for tooth # 3 the dentist asks a patient to close together and try to make all the teeth touch. If the mandible shifts to the side where the restoration is located, what incline should be adjusted.

- a. lingual incline of the maxillary lingual cusp
c. buccal incline of the maxillary buccal cusp
b. buccal incline of the maxillary lingual cusp
d. lingual incline of the maxillary buccal cusp

8. True or false. The closer to the center of the ring that the pattern is placed, the greater will be the expansion.

9 & 10. (2 points)

On the drawing below, label the combustion zone and the oxidizing zone of the flame used for melting gold.



Name: [REDACTED]
Restorative Dentistry D262
Quiz # 6A June 5, 2003

Seat Number: [REDACTED]
Number correct: 10
Graded by: [REDACTED]

1. Surrounding the wax pattern with a material that can accurately duplicate its shape and anatomic features is called
a. casting b. pickling ☒ c. investing d. burnout e. waxup
2. The proper zone of a gas-air blowpipe flame used for melting casting gold alloys is
☒ a. the reducing zone b. the oxidizing zone c. the zone closest to the nozzle d. a combination of oxidizing and reducing zones
3. The first step in fitting a gold casting in the mouth is to
a. seat the casting by having the patient close on a bite stick b. adapt accessible margins c. adjust the occlusion ☒ d. adjust the proximal contact areas points.
4. Of great importance in the investing of wax patterns is the fact that the molten alloys used for dental restorations shrink upon solidification: gold alloys shrink by approximately
a. 0.5% b. 1.0% ☒ c. 1.5% d. 2.0% e. 2.5%
5. A preparation on a tooth with a smaller diameter resists pivoting movements better than a preparation of equal length on a tooth of larger diameter. ☒ (True) False
6. For proper resistance form and structural durability of the casting, the function cusp bevel should be reduced
a. 0.5mm b. 1.0 mm ☒ c. 1.5mm d. 2.0mm
7. Proper placement of retraction cord subgingivally is best accomplished when
☒ a. The instrument used to place the cord is pushed slightly toward the area already tucked into place.
b. The force of the instrument used to place the cord is directed away from the area previously packed.
c. The cord is overpacked into the sulcus to insure that proper tissue retraction is accomplished.
d. The force of the instrument used to place the cord is directed totally in an apical direction to help guarantee cord placement into the base of the sulcus.
8. When using the Pindex system, the longer pins are placed on the ☒ (buccal) lingual). (circle one)
9. The margins of the wax pattern should be
☒ a. extended beyond the preparation finish lines to allow finishing
b. left thick to allow finishing
c. extended to the finish lines but no farther
d. 1, 2
e. 2, 3
10. Wax patterns should be invested as soon as possible after fabrication in order to minimize changes in shape caused by
a. drying of the wax b. reduction in temperature c. volatilization of wax components ☒ d. continued expansion of the wax ☒ e. relaxation of internal stresses