

\*CORRECTED\*

Name: \_\_\_\_\_  
Restorative Dentistry D262  
Quiz # 2B February 8, 2011

Seat Number: \_\_\_\_\_  
Number correct: \_\_\_\_\_  
Graded by: \_\_\_\_\_

8. (2 points) The required reading in the Roberson/Sturdevant text describes a rigid matrix application technique that can be used for the occlusolingual amalgam restoration on maxillary molars. Briefly describe the Barton matrix technique as presented in the text. (p. 735)

Tofflemire matrix retainer is used to secure a matrix band to the tooth. A piece of matrix material is cut to fit between the lingual surface of tooth and the band already in place. A toothpick wedge with green compound is used to secure the cut piece of matrix, then burnish the matrix.

9. (True or False) For a preparation on tooth #21 that does not cross the transverse ridge, the dentist prepares the proximal box before the occlusal portion to prevent removing the tooth structure that will form the isthmus between the occlusal dovetail and the proximal box. (p. 750)

B

☒ b. true      ☐ b. false

10. (2 points) When preparing a slot preparation for amalgam on the root surface of a posterior tooth, what is the minimum axial depth required A) at the gingival margin and B) at the occlusal margin (if the margin is in enamel)? (p. 752)

A) 0.75 - 1.0 mm

B) 1 - 1.25 mm

11. The triangular (i.e. anatomic) wedge is recommended for a preparation with a deep gingival margin. When the gingival margin is deep (cervically), the base of the triangular wedge more readily engages the tooth gingival to the margin without causing excessive soft tissue displacement. (p. 764)

△ O  
A

☒ a. Both statements are true.      ☐ c. Statement one is true and statement two is false.  
☐ b. Both statements are false.      ☐ d. Statement one is false and statement two is true.

12. Briefly describe the clinical appearance of an ICDAS Code 4 pit and fissure lesion.

can see shadow of dentin

13. A foundation restoration is indicated for a tooth that is severely broken down and lacks the resistance and retention forms needed for an indirect restoration (crown). The retention of the foundation material should not be compromised by tooth reduction during the final preparation for an indirect restoration (crown). (p. 813)

A

☒ a. Both statements are true.      ☐ c. Statement one is true and statement two is false.  
☐ b. Both statements are false.      ☐ d. Statement one is false and statement two is true.

14. (2 points) An emergency patient presents to your office with a toothache. After obtaining subjective findings, you begin to gather objective findings by performing an oral exam. You decide to perform a percussion test. (p. 429)

- c) Describe the technique used to perform a percussion test.

Gently tap the occlusal or incisal surface of the suspected tooth and adjacent teeth with the end of the handle of a mouth mirror.

- d) The presence of tenderness or pain on percussion suggests what to the examining clinician?

Injury to the periodontal membrane from pulpal or periodontal inflammation.