AME:	5-	RESTORATIVE DENTISTRY D260 PROGRESS EXAMINATION #2 April 11, 2006										
EXAMINATION NUMBER:       Image: A statement is a state of the examination is a page with a total of 33 questions. Please check to verify you have all of the examination booklet should contain 3 pages with a total of 33 questions. Please check to verify you have all of the examination for the corresponding letters and digits below the boxes.         Write your name and preclinic seat number on the cover of the examination booklet.       Write your name and preclinic seat number on the computerized answer sheet in the appropriate boxes. Blacken the corresponding letters and digits below the boxes.         One reverse side of the computerized answer sheet before the end of the examination. Extra time will not be given at the eart of the examination for this purpose.       Provide the computerized answer sheet before the end of the examination. Extra time will not be given at the eart of the examination for this purpose.         One step to backed lidentification information.       8. Beturn the computerized answer sheet before the end of the examination booklet to the proctor.         Image: Plant and precision will be answered during the examination and all wall taper of the days of the entire examination booklet to the proctor.         Image: Plant and a state of the shillingburg text, to minimize stress in the cement interface between the preparation and the restoration, an axid wall taper of degrees has been suggested as optimum; however research by Mack estimates that a minimum taper of material presented in the Shillingburg text, a taper or total convergence of degrees has been proposed as being achievable clinically while still affording adequate retention:       a. 2 - 6; 18       b. 3 - 5; 15 - 20       c. 6; 8       C. 20 mm       d. 20 mm       d. 20 mm </th <th>(</th> <th>NAME: 20</th>	(	NAME: 20										
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<b>e</b> .	<ul> <li>Concerning questions 8 – 19. Mark (A) on the computerized answer sheet for true, mark (B) for false.</li> <li>a. true</li> <li>b. false</li> </ul>									
	<ul> <li>48. Gingival Class 2 cavomargins ideally terminate gingival to both the contact and the lesion.</li> <li>49. A preparation on a tooth with a large diameter resists pivoting movements better than a preparation of equal length on a smaller diameter.</li> </ul>	tooth of								
イ	10. The path of insertion of a preparation must parallel the adjacent proximal contacts or it will be prevented from seating. $11$ . A crosscut bur at low speed produces the roughest surface.									
	412. Inadequate isthmus wighth is the most likely cause for isthmus fracture of Class 2 amalgam. 13. Cross-cut burs can be used for removal of old restorations, but the horizontal ridges they produce on tooth structure									
•	$\sim$ make them unacceptable for crown preparation. $\sim$ 14. The level to which a base is built should never compromise the desired cavity preparation depth resulting in inadequate	2								
	restorative material thickness.									
	15. If a cavity is of ideal depth, no liner or base is indicated. However, cavity varnish or dentin adhesive should be used pr amalgam placement to reduce microleakage and seal the dentinal tubules.	IOF TO								
	16. Mature plaque is primarily anaerobic. 17. When examining a patient for caries, care must be exercised to distinguish white spots of incipient caries from developmental white spot hypocalcifications of enamel. Incipient caries will partially or totally disappear visually when the enamel is hydrated (wet), while hypocalcifications of enamel.									
4	while hypocalcified enamel is unaffected by drying and wetting. 18. Arrested (remineralized) lesions can be observed clinically as intact, but discolored, brown or black spots. These discolored, remineralized, arrested caries areas are intact and are more resistant to subsequent caries attack than the adjacent unaffected enamel and should not be restored unless they are esthetically objectionable.									
1	19. Caries advances more rapidly in dentin than in enamel because dentin provides much less resistance to acid attack.									
B	20. Which of the following teeth is most likely to benefit from occlusal sealant placement? Maxillary first premolar c. Maxillary second molar									
.)	D									
ົ	21. Streptococcus mutans is considered to be a principle etiologic agent of caries because it produces organic acids and	t								
	<ul> <li>a. metabolizes substrate form saliva</li> <li>c. derives energy from enamel constituents</li> <li>d. lives symbiotically with Lactobacillus acidophilus</li> </ul>									
C	22. Whenever possible, a syringe should be used for placing composite resin because									
•	a. the need for etching procedures is eliminated b. the need for applying enamel bonding agent is eliminated									
	<ul> <li>the possibility of trapping air in a restoration is minimized</li> <li>a syringe allows for less amount of composite material to be mixed</li> </ul>									
6										
E	23 Which of the following factors contributes the greatest amount of retention to a cast gold crown restoration a. proximal cavosurface margin chamfer d. properly placed functional cusp bevel									
	b. uniform occlusal reduction c. rounded occlusal line angles									
Ŀ.	24. Supplemental retention on abutment teeth is made possible by									
E	a. parallel alignment d. a chamfer-type preparation									
	b. greater bulk of metal (E)proper use of grooves and box forms c. proper cementing technique									
Ω	28. Gavelis et al found that tooth preparations with permitted the most complete seating of a crown.									
V	28. Gavelis et al found that tooth preparations with permitted the most complete seating of a crown.         a. parallel bevels       b shoulders         d. reverse bevels									
C	26. If crown lengthening is performed on a tooth, the alveolar crest should be to surgically moved apical to the location of the proposed finish line to guarantee the biologic width and prevent periodontal pathology.									
(	a. 1 mm b. 2 mm c. 8mm d. 4mm									

<ul> <li>27. Alt of the following are true regarding the use of the knife edge finish line for cast gold restorations except:         <ul> <li>a. the axial reduction may fade out instead of terminating in a definite finish line</li> <li>b. difficulty in identification may make waxing of the restoration difficult</li> <li>c. it is more susceptible to distortion under occlusal forces</li> <li>Can result in undercontoured restorations</li> </ul> </li> <li>A teen-aged patient presents with numerous proximal carious lesions that undermine the occlusal enamel. Which of the following is the treatment of choice?         <ul> <li>a. restore involved teeth with full coverage gold crowns</li> <li>b. Destore involved teeth as rapidly as possible using dental amalgam</li> <li>c. Place the patient on a prevention regimen and delay treatment until the effectiveness of home care is evaluated. Therefore, microbiological testing to determine the type of cariogenic bacteria present and delay treatment until antibiotics can be given for the offending bacteria.</li> </ul> </li> </ul>											
<ul> <li>29. Unilateral balanced occlusion calls for all teeth on the working side to be in contact during a lateral excursion. All teeth on the nonworking side should be free of any contact to prevent the destructive, obliquely directed forces found in nonworking interferences.</li> <li>a) both statements are true <sup>3</sup></li> <li>b. both statements are false</li> <li>c. Statement one is true; statement two is false</li> <li>d. Statement two is true; statement one is false</li> </ul>											
30. A large carious lesion on the distal surface of a maxillary central incisor involving the incisal angle is a 1. Class I lesion 2. Class II lesion 3. Class IV lesion 4. Class IV lesioN											
	a. 1 only	b. 2 and 5	(	<b>©</b> 3	and	5	(	d. 3 d	oniy	e. 4	4 only
<ul> <li>31. Bond strengths for superficial dentin close to the dentinoenamel junctions are greater than those for deep dentin because in deep dentin the greater number of tubules and the larger diameter of tubules reduce the amount of intertubular dentin available for bonding.</li> <li>a. both statements are true</li> <li>b. both statements are false</li> <li>c. statement one is true; statement two is false</li> <li>d. statement one is false; statement two is true.</li> </ul>											
<ul> <li>32. Clinical interpretation of pain from pulpal inflammation (hyperemia) is somewhat empiric, but nonetheless important to the successful practice of operative dentistry. If an irritant, such as touching ice to the tooth, causes pain that lingers more than 15 seconds after removal of the irritant, the condition of the pulp is called and resolution of the condition is possible by</li> <li>a. reversible pulpitis: root canal therapy</li> <li>b. reversible pulpitis; immediate restorative treatment (operative dentistry)</li> <li>c. irreversible pulpitis; root canal therapy</li> </ul>											
d. irreversible pulpitis; immediate restorative treatment (operative dentistry)         33. Overcontoured crowns can be the result of         1. the need for added retention         2? overbulking by technicians         3. insufficient tooth reduction											
a. all of	the above	b. 2, 3 and 4	C	c)2,	3 an	d 5		d. 1,	3 and 5	e. 3	and 5