RESTORATIVE DENTISTRY D262 PROGRESS EXAMINATION #2 April 17, 2009 corrected Answers

NAME:

PRECLINIC SEAT NUMBER:



EXAMINATION NUMBER AND LETTER:





1. Please read all directions before starting the examination.

- 2. Your examination booklet should contain 4 pages with a total of 30 questions. Please check to verify you have all of the examination.
- 3. Write your name and preclinic seat number on the cover of the examination booklet.
- 4. Write your name and Temple ID number on the computerized answer sheet in the appropriate boxes. Blacken the corresponding letters and digits below the boxes.
- 5. In the box labeled optional codes write your test number above the word TEST and circle A or B depending on your exam.
- 6. On the reverse side of the computerized answer sheet sign your name and write the number and letter (A or B) of your exam booklet in the box labeled identification information.
- 7. Be sure to darken all circles on the answer sheet before the end of the examination. Extra time will not be given at the end of the examination for this purpose.
- 8. Choose the best answer for each question. No questions will be answered during the examination.
- 9. Return the computerized answer form AND the entire examination booklet to the proctor.

1. A chamfer margin is formed as the negative image of a round-end tapered diamond; therefore a chamfer should not be wider than half the diameter of the bur used, otherwise a lip of unsupported enamel results.

(a) both statements are true

c. statement one is true; statements two is false

b. both statements are false

d. statement one is false; statement two is true

2. In a full gold crown preparation, the purpose of the seating groove is to

- a. prevent any rotational tendencies during cementation
- b. help guide the casting to place during cementation
- c. provide resistance and retention form
- d. two of the above
- e, all of the above
- 3. Which of the following is a true characteristic of the chamfer margin preparation?
 - a. The chamfer margin design has shown experimentally to exhibit the most stress along the finish line. >
 - b. The chamfer has an acute edge at the finish line to allow for accurate seating of the restoration.
 - (c) The chamfer has sufficient depth at the margins to provide for an adequate thickness of gold.
 - d. The chamfer offers an effective "slip joint" margin.
- $\sqrt{4}$. A 90 degree angle is the angle that
 - 1. enamel prisms make with the outer surface of the tooth
 - 2. dentinal tubules make with the DEJ /
 - 3. an amalgam restoration should make with the cavity wall at the cavosurface margin of the cavity preparation
 - (a) All of the above
- b. one of the above
- c. two of the above

é.	5. Befo proced	nies silonia de	accomplish	ea next?				nd the tooth.	Which of the foll	lowing
		 The matri Tapered v Tapered v 	x retainer sho vedges shou vedges shou	ld be placed i ld be placed o	ned as much nterproximal	as possible by to obtain cl	and reinforce	ion of the ma	nd lingually with atrix at the gingive gingival margin	al margine
			g the teeth	× (b) 1, 3	c. 1, 3	s, 4 c	i. 1, 4	e. 2, 3		
¢*rb		nore difficult to a. dentin cor	bond to der ntains more n ntains more w nce of the sm above	ntin than to en	amel becaus oth structure	:e : *		·	Have to modify it	
	7. Resis	stance to proxi 1. the adjace 2. occlusal d 3. converging 4. retention o	ent tooth ovetail g proximal wa				provided by			
		a. all of the a	bove	b. 1, 2, 4	c. 1, 3	d	1. 2, 3	e) 2, 4		
	for bond	entin the great	er number of ents are true	tubules and t	he larger dia statement on	namel junctio meter of tubu e is true; stal e is false; sta	ıles reduce t tement two is	he amount o s false	e for deep dentir of intertubular de	n because in ntin available
***	and the	restoration, ai es that a minin	n axial wall ta num taper of	per of	degra	ees has been essary just to	suggested and insure the a	as optimum; absence of u	ace between the however resear undercuts.	preparation ch by Mack
08#1V	10. Acco	ording to mate a achievable contact a. 9	rial presente linically while b. 12	d in the Shillir still affording	adequate re	a taper or tota tention. d. 20	al convergen e. 2		degrees has be	en proposed
	restored restoration 1.	using direct of cons. Tetracyclinethe tooth √ Multiple layer Allowing opacturing a brust	composite ver stained teeth rs of opaque que material n to obtain a	neers. Which are much momentum materials sho to remain at t	of the following of the difficult to uld be applie the cavosurface on the op	ng statemen veneer, esp d in thin laye ce margin wi	ts are true co ecially if dark ers and cured ill not affect t	oncerning di k staining oc d independenthe esthetics	ns. These teeth rect composite vecurs in the ginginally vector of the restorations the tics because	eneer val third of n
		a. All stater	ments are tru	e b. 1	, 2, 4	c. 2, 3, 4	(d ∂1,	2	e. 1 only	
	an a nec a, B	ormal healthy of active carious essary to esta toth statement out to statement	lesion can se blish infection s are true	erve as a rese ns on other to c. S	rvoir of Muta oth surfaces Statement on	ns Streptoco	cci and lacto tement two is	bbacilli, provi s false	f causing diseased ding the large th	e. However, reshold dose

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î	13. Which of the following factors of a. proximal cavosurd b. uniform occlusal occlusal c. rounded occlusal	ace margin chamter eduction	nount of retention to a cast g d. properly placed function e, near parallel axial walls	nal cusp bevel
	14. Which of the following are true1. it has a comparatively rapid2. it is often asymptomatic3. it is more difficult to restore4. it is closer to the pulp than p	progression	g on the root surface	Prise
	a all of the above	b. all of the above excep	t one c. all of	the above except two
	15. Gavelis et al found that tooth p	preparations with b. shoulders	permitted the most compl c. chamfers	d. reverse bevels consider accessing
d*\L	2. difficulty in identification	rfade out instead of termin n may make waxing of the o distortion under occlusal	ating in a definite finish line restoration difficult	restorations:
	a. all of the above	b. 1, 2, 4 c. 2, 4	(d. 1, 2, 3	e. 1, 4
7	17. The words "overcarved" and "u instructors. Some of them are incluexaminations. If a surface is overcal accordance.	uded in the criteria for eval	ed" and "undercontoured" are uation of the restorations do c. also undercarved	e used frequently by your laboratory ne in your exercises and practical d. none of the above
	18. Twenty-four hours after cement The preparation dimensions were	ting your first crown the pa e ideal. The most likely car	tient calls and complains of suse of this sensitivity is	sensitivity to heat, cold and pressure.
Ø.	a./ occlusal traumab. improper cementation	c. impi	ngement on the marginal ging re to desensitize the abutme	
od * Pr	19. The "wet bonding" technique has networks available for monomer into and prevents resin monomers from	erdiffusion. If the dentin su	bond strengths because wa urface is dried with air, the co	ter preserves the porosity of collagen llagen undergoes immediate collapse
	(a) both statements are true b. both statements are fals		ement one is true; statements ement one is false; statement	
	20. A preparation on a tooth with a tooth of smaller diameter. a. True	large diameter resists pivo	ting movements better than	a preparation of equal length on a
d *15	21. Which of the following are true: 1. Finish lines should be place: 2. Finish lines must be place.	æd in enamel when it is po	ssible to do so.	
	impression when it is remo3. In a caries prone individua4. The finish line should exte	oved from the mouth. II, it is best to place the fini nd beyond existing restora	sh line subgingival because things onto sound tooth struct	thout tearing or deforming the the gingival sulcus is caries-free. ture. greater the inflammatory response of
	a. all of the above	b. 1, 2, 3, 4 c. 1, 2,	4, 5 d. 2, 4 and 5 only	e. 1, 4 and 5 only

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	22. Non-working side interferences generally occur on the inner aspects of which teeth? 1. facial cusps of mandibular molars 2. facial cusps of maxillary premolars 3. lingual cusps of maxillary molars 4. facial cusps of maxillary molars.
	a. 2 and 4 (b. 1 and 3 c. 2 and 3 d. 3 and 4
٨.	23. Which of the following statements regarding quadrant dentistry (is) are true 1. it is recommended to restore the most posterior tooth first 2. If proximal boxes differ in size, teeth with smaller boxes should be restored first. 3. When restoring a quadrant of Class II amalgam tooth preparations, it is permissible to apply matrix bands on alternate preparations in the quadrant and restore the teeth two at a time. 4. using a finishing strip between newly placed contacting amalgam restorations may lighten or eliminate the proximal contact.
1	24. The copal resin varnish that is placed in the cavity preparation before the amalgam is placed is condensed provides a. sealing of the margins for the lifetime of the restoration b. long-term sealing of several years duration d. no sealing of the margins
	25. Force applied to the occlusal surface of a crown at an oblique angle can produce a line of action that passes outside the supporting tooth structure. The point on the margin closest to the line of action is the fulcrum point or center of rotation. If a line is drawn from the center of rotation perpendicular to the cement film on the opposite wall of the prep, the point where this line intercepts the cement film is called the tangent point. Apical to the tangent point of a crown preparation the forces have a component of
,	26. The linear coefficient of thermal expansion of currently used composites is approximately times that of tooth structure a. 1.5X b. 2.0X c. 2.5X d. 3.0X e. 3.5X
	27. When preparing tooth # 30 for a full gold crown, the buccal cusps are reduced for proper structural durability a. 0.5 mm b. 1.0 mm
	28. Flowable resin composites generally have a percentage filler content than other types of resin composites. a. Jower b. higher
	 Which of the following statements is true concerning the use of bevels in Class III composite resin preparations? Bevels improve bonding strength by increasing the surface area available for bonding. Bevels provide for improved esthetics by allowing for a gradual blending of tooth and composite. Bevels can vary in length depending on the need for retention. Bevels can be placed using round or flame shaped diamond burs. Bevels improve marginal seal and decrease microleakage and are equally effective above and below the VEJ.
	a. all of the above b. 1, 2, 4 and 5 c. 1, 2 and 3
	30. When cementing an indirect composite veneer, the bonding agent is applied to the tooth surface of the veneer and cured before placing the veneer on the tooth to ensure complete polymerization of the bonding agent. a. True b. False