

No. of Printed Pages : 06

BDS 401

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 2112

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BDS Examination Dec. 2016

(Fourth Professional)

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours]

[Maximum Marks : 70

Note :- Attempt all questions.

1. (I) Multiple choice question : $10 \times \frac{1}{2} = 5$

(a) According to Black's classification caries on proximal surface of incisors not involving the incisal angle are :

(i) Class IV

(ii) Class II

(iii) Class III

(iv) Class V

[P. T. O.

(b) Which of the following is the weakest phase of the set amalgam :

(i) Beta-2

(ii) Gamma

(iii) Gamma-1

(iv) Gamma-2

(c) Which of the following can produce dentinal bridge formation :

(i) Calcium hydroxide

(ii) Magnesium hydroxide

(iii) Zinc oxide eugenol

(iv) All of the above

(d) The cavosurface angle should be in the form of :

(i) A bevel

(ii) Butt or 90 angle

(iii) Chamfer

(iv) All of the above

(e) Which of the following will appear radioluscent in a radiograph :

(i) Dental amalgam

(ii) Zinc phosphate cement

(iii) Composite cement

(iv) Zinc oxide eugenol cement

(f) The primary function of a root canal sealer is to :

(i) Seal dentinal tubules

(ii) Stimulate healing in the apical region

(iii) Medicate the canal to eliminate the remaining bacteria

(iv) Fill the space between the solid core material and the pulp canal wall.

(g) The most common curvature of a palatal root of the maxillary first molar is to the :

(i) Facial

(ii) Mesial

(iii) Distal

(iv) Lingual

- (h) The difference between a reamer and a file is in :
- (i) The number of flutes
 - (ii) The number of flutes and the shape of the shaft
 - (iii) The number of flutes and the size of the shaft
 - (iv) The shape and size of the shaft
- (i) An accepted solvent for gutta percha is :
- (i) Alcohol
 - (ii) Eucalyptol
 - (iii) Paraffin oil
 - (iv) Orange oil
- (j) The access preparation for a maxillary central incisor most resembles :
- (i) A circle
 - (ii) An oval
 - (iii) A triangular
 - (iv) A rhomboid

- (II) Write true or false : $5 \times \frac{1}{2}$
- (a) Rubber dam causes salivary contamination of the root canal system.
 - (b) Calcium hydroxide is the material of choice in pulp capping.
 - (c) When etching mouled enamel the etching time should be decreased.
 - (d) H-file has better cutting efficiency than k-file.
 - (e) Haemorrhage on the root canals can be easily controlled with distilled H_2O .
- (III) Fill in the blanks : $5 \times \frac{1}{2}$
- (a) The primary gutta percha cone must fit the canal wall tightly in the
 - (b) Fluid movement in dentinal tubules is known as the
 - (c) Four canals are most frequently found in
 - (d) Power bleaching involves the use of

- (e) The is a flexible endodontic hard instrument used to remove pulpal tissue with sharp pointed barlis.
2. (a) Matrix retainer 5
(b) Periopical granuloma 5
3. (a) Endodontic microflora 5
(b) Phases of silver amalgam 5
4. (a) Apical constriction 5
(b) Smear layer 5
5. (a) Isthmus 5
(b) Ni-Ti files 5
6. Classify root canal instruments. Describe their use in Crown - Down technique. 10
7. Describe composition and classificaiton of composite resins? How do we attain retention in class II composite restoration? 10
