

Republic of Iraq  
Ministry of Higher Education  
and Scientific Research  
Tikrit University  
College of Dentistry



جمهورية العراق  
وزارة التعليم العالي والبحث العلمي  
جامعة تكريت  
كلية طب الأسنان

Date: 2019

Time: three hours

Subject: crown and bridge

Class: fifth

Q1- Answer The Following:

1. Properties of porcelain
2. Two stage impression technique

Q2- Define:

1. Convergence angle
2. Quartz

Q3- Fill In The Blanks: (8- mark)

1. The esthetic demand for pontic are ----- and -----.
2. The indication of customized temporary crown are:  
a. ----- b. ----- c. -----
3. We use ----- to check marginal integrity.
4. Advantages of rubber silicon impression material are:  
a. ----- b. ----- c. -----.
5. Requirements of good inlay casting wax are :  
a. ----- b. ----- c. -----.
6. To do investing we need :  
a. -----  
b. -----  
c. -----  
d. -----
7. Examination of inter proximal area in try-in procedure done by the use of -----.
8. ZOE cement not used for permanent cementation because of :  
a. ----- b. -----

Q4- Choose The Correct Answer: (5-mark)

1. The type of pontic that made entirely of metal is
  - a. Ovate pontic
  - b. Conical pontic
  - c. Sanitary pontic
  - d. Modified ridge lap pontic
2. Zinc phosphate cements used when
  - a. The pulp is vital
  - b. Maximum retention required
  - c. Temporary cementation
  - d. All above
3. Indication of 3/4 crown
  - a. good oral hygiene
  - b. Short clinical crown
  - c. Extensive destruction
  - d. All above
4. ----- acts as an insulator against loss of heat during casting procedure.
  - a. Casting ring
  - b. Investment material
  - c. Crucible former
  - d. Ring liner
5. The attachment of sprue should be
  - a. At angle
  - b. To the bulkiest area
  - c. At non- centric area
  - d. All above

Q5 : Enumerate the ideal properties of a root filling material by Grossman in 1982).

Q6 : Gives the function of Max Wire alloy?

Q7: What are the clinical objectives of cleaning and shaping of the root canals?

Q8: Choose the most correct answer.

1-ccording to ISO, the WaveOne system is classified to group . \_\_\_\_\_

a- I b- II c- III d- IV e- V f- VI

2-The time for replenishment of NaOCl is . \_\_\_\_\_

a- 1 min. b- 2 min. c- 3 min. d- None of above.

-3 If the root canal or soft tissue drainage are not effective within ' \_\_\_\_\_

then the antibiotic should be used to prevent serious complications.

a- 6 hrs. b- 12 hrs. c- 24 hrs. d- 48 hrs.

-4 Heated hypochlorite solutions remove organic debris from dentin shavings more efficiently .

A- True. B- False.

-5 In single cone obturation technique, it's very recommended to use \_\_\_\_\_ sealer .

a- Zinc oxide sealer .

b- Resin sealer .

c- Bio ceramic sealer .

d- All of above.

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