

**HEALTH PROFESSIONS COUNCIL OF SOUTH AFRICA
PROFESSIONAL BOARD FOR DENTAL THERAPY AND ORAL HYGIENE**

BOARD EXAMINATION FOR DENTAL ASSISTANTS

August 2013

DURATION: 3 HOURS (10:00 – 13:00)

MARKS: 100

- I. ALL QUESTIONS MUST BE ANSWERED**
- II. YOUR NAME AND ID NUMBER MUST BE WRITTEN ON EACH PAGE OF THE ANSWERING SHEETS**
- III. QUESTION PAPER AND ANSWER SHEETS (USED AND UNUSED) MUST BE HANDED IN AFTER THE EXAMINATION**

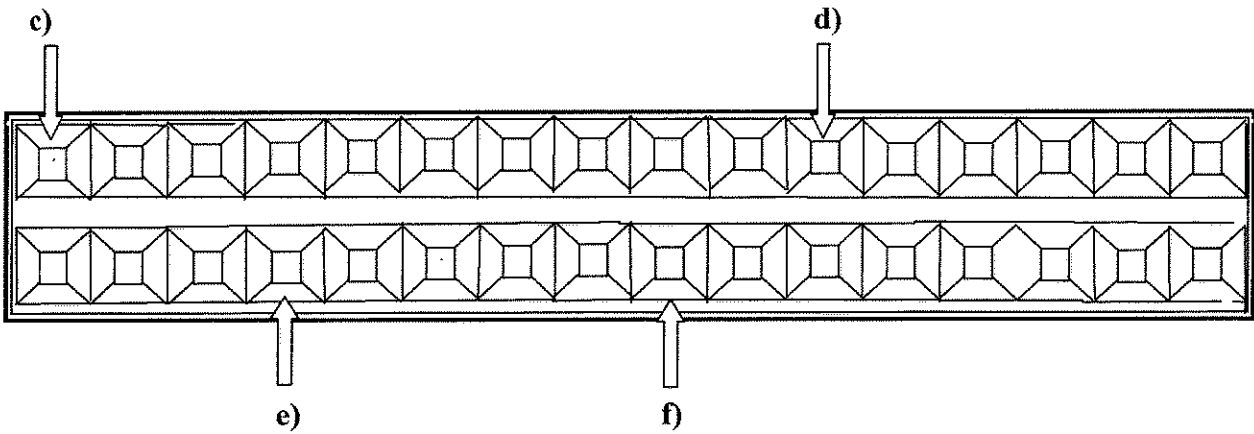
Name:
Id number:

Question 1: (12)

a) What is the role of a dental assistant in patient examination and treatment planning? (1)

b) Name four types of teeth ½ x 4 (2)

Identify the following tooth numbers (4)



Identify the following symbols used for dental charting

g) (1)

/

h) (1)

X

i) (1)

O

j) (1)

S

k) (1)

fs

Name:
Id number:

Question 2: (25)

- a) Describe the differences between disinfection and sterilization (4)
- b) Explain proper hand hygiene for oral health workers (6)
- c) Explain why dental surfaces need to be disinfected and barriers placed during and after patient care. (2)
- d) List 4 types of surfaces in the dental practice/surgery that are commonly covered with barriers $\frac{1}{2} \times 2$ (4)
- e) Why should rings, long nails and artificial nails be avoided when one is working with a patient in a dental practice? (1)
- f) Name four types of personal protective equipment (PPE) used in dentistry and give an example of each PPE (8)

Question 3: (10)

- a) List two examples of the following waste that can be generated in a dental practice or dental facility surgery (4)
 - i. General waste
 - ii. Infectious or regulated waste
- b) What are the guidelines for disposal of general waste? (1)
- c) Name one type of toxic waste that can be generated in dentistry (1)
- d) Name the type of waste that must be identified with the biohazard label? (1)
- e) What is the name of the communicable disease that oral health care workers should be immunized against? (1)
- f) List two basic items that must be included in an emergency kit (2)

Question 4: (5)

State whether the following statements are **true of false** (5)

- a) Patients who are diabetic should not eat before coming for dental treatment.
- b) Dental hand pieces must be oiled every day before going home.

Name:

Id number:

- c) A local anaesthetic with vasoconstrictors should be avoided for patients with severe hypertension/high blood pressure.
- d) Dental Assistants must check expiry dates everyday on all dental consumables before they are used.
- e) You do not have to obey laws and regulations which affect your work because you always work under the supervision of a dentist.

Question 5: (15)

- a) List the different types of restorative materials that can be used to restore teeth (4)
- b) List the types of burs that are used during amalgam restorative procedures (2)
- c) Name 4 different types anaesthetics used in dentistry and their uses/functions (4)
- d) Name the steps followed when processing/developing dental x-ray films (5)

Question 6: (10)

- a) What is informed consent? (2)
- b) Name two ways of obtaining informed consent (2)
- c) List the six guidelines for managing chart entries as a legal record (6)

Question 7: (10)

- a) Name the instruments used to surgically remove the wisdom tooth (excluding the diagnostic instruments). (3)
- b) Name 2 signs and symptoms of a dry socket (2)
- c) What instructions/advice should be given to a patient who has just received new dentures to care for them? Name 3 instructions (3)
- d) What is the name of dental specialist that puts braces on the teeth with purpose of making them straight? (1)
- e) What is the name of the deposit that causes both periodontal diseases and dental caries? (1)

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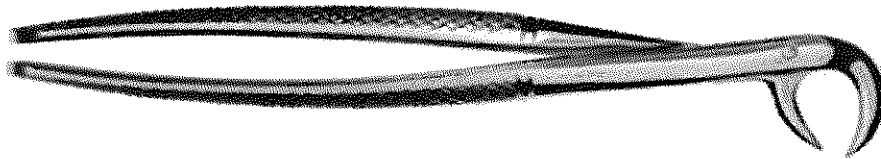
Question 8: (5)

- a) What are the duties of a dental assistant in management of the dental practice/oral health facility? (3)
- b) Why is important to have internal stock control in the dental practice/oral health facility? (2)

Question 9: [8]

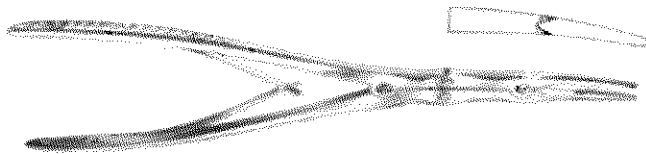
Identify and state the function of each instrument

a)



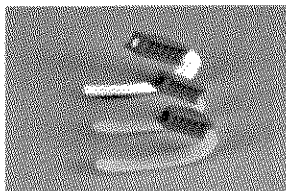
(2)

b)



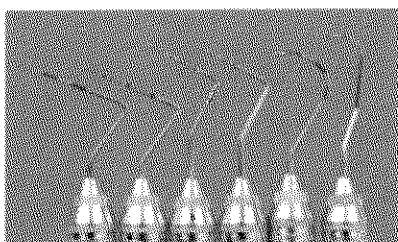
(2)

c)



(2)

d)



(2)