جامعة قناة السويس
كلية طب الأسنان
المكتبية

اهراهما:
أ.د / عامر عبد العزيز
عميد كلية طب الأسنان

أ.د / أيمن عبد العزيز الحمروي
وكيل الكلية
للدراسات العليا والبحوث

أحمد:
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رئيس مكتبة
كلية طب الأسنان

أجمل الأمنيات
بالنجاح والتفوق
Doctor Degree
Recent Advances in Oral Radiology

Answer the following questions:

1- Discuss the role of MRI in the diagnosis of benign oral lesions.

2- Explain the recent advances in computerized tomography in the diagnosis of oral and maxillo-facial lesions.

Good Luck
Suez Canal University  
Faculty of Dentistry  
Department of Operative Dentistry  
Time Allowed: 3 hours

Answer all the following questions and illustrate your answer with diagrams, schemes, tables and evidence-based material whenever possible:

1. The use of photonic energy in the different fields of restorative dentistry is increasingly growing. Discuss.

2. Chemistry may be playing a greater role in the field of restorative dentistry. Discuss in general the previous statement then choose the most important change in your opinion, describe it in details and justify your choice with evidence based material.

3. Choose an undergraduate course in Operative dentistry of 3 credit hours (one contact hour for the theory and 4 contact hours for the practical hands-on training) and discuss briefly the followings:
   a. Objectives of the course
   b. Course description and course outline
   c. Correlation between the theory and the practical
   d. Distribution of the time needed for each topic whether theoretical or practical.
   e. Methods and facilities to be applied for the teaching process.
   f. Methods to be applied for evaluation for the course participants.

Best wishes for success.
Partial Denture Prosthodontics

Answer The Following Questions:

1. Discuss the different concepts of impression techniques for partial denture.

2. Discuss possible designs of removable partial denture with the remaining teeth:

   8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8
   8 7 3 2 1 1 2 3 4

3. Discuss how to control the damaging affects of the removable partial Dentures.

Good Luck

ملحوظة:

يعقد امتحان العملي و الشفهي يوم الأحد 11/5/2008 ابتداء من الساعة العاشرة صباحاً.
Suez Canal University
Faculty of Dentistry
Oral & Maxillofacial Surgery Department.

Doctor Degree – Oral Surgery Exam.
Wed. 7/5/2008, time allowed: three hours

Discuss in details the followings:

1) Oral Burkitt's lymphoma in children.

2) Osteonecrosis.

3) Pediatric facial trauma.

Good Luck.
DOCTOR DEGREE ORTHODONTIC EXAM

ORTHODONTIC APPLIANCES

Answer the following questions:

1. Discuss the scope, limitations and problems of adult orthodontics.

2. Open bite represents one of the most challenging orthodontic problems. Discuss

3. Anterior or posterior cross bite represent one of the problem which affect the occlusion and other functional structures. Discuss how to manage this problem.

GOOD LUCK
1. What are the advantages and the disadvantages of the photoelasticity, and the mechanical testing using strain gauges as stress analysis methods?

2. The finite element method can be divided into three main steps: preprocessing, processing and postprocessing, Discuss the main points of each step.

3. What are the sources of errors in the finite element analysis method?

4. What are the advantages and the disadvantages of the finite element method?

5. The following central incisor is subjected to 100 N. Supports that simulates the bone is taken at part of the perimeter of the cementum. The first figure shows the numerical model. The finite element results for the first principle stress (MPa) are shown for the full tooth cross section and for the dentin cross section (Grey color indicates stresses higher than 50MPa). Discuss the results.
Answer the following questions:

1- Write on the polymerization methods?

2- Give a brief account on:
   a- Surface active agents.
   b- Molecular weight determination of polymers.

3- Give a brief account on:
   a- Polymerization mechanism.
   b- Polyamide fibers.

4- Write on synthesis of:
   a- Rayon.
   b- Polyvinylidene Chloride

Good Luck
Dr. Aesha Emam.
Discuss the followings :-

1) Nerve injuries of interest at the maxillofacial region.

2) Various approaches and techniques of tempromandibular joint area.

3) According to the known anatomic location of the branches of peripheral nerves of the face, discuss the different facial danger zones in order to avoid nerve injuries.

تقرر إمتحان الشفوى والعملى والإكلينيكي لجراحة الفم والوجه والفكين يوم الأحد الموافق 20/5/2007 م بالقسم بالكلية الجديدة.

Good Luck
Oral Surgery Doctor Exam.

Give Detailed account on:

1) Pathosis of the Maxillary Sinus.

2) Management of osteonecrosis of maxillofacial region.

3) Surgical modalities to prepare jaws for dental implant.

Good Luck
Maxillofacial Prosthodontics

Answer The Following Questions:


2. Discuss different types of stents used in dentistry.


GOOD Luck
Suez Canal University
Faculty of Dentistry
Oral Pathology Dept.

Immunohistochemistry Exam. for
Doctor degree

May, 20th, 2007-------------------------

I- Discuss the factors affecting the measurement of Ag-Ab reactions.

II- Explain, briefly, the immunoassay procedures.

III- Enumerate, with brief note, on the techniques used in molecular biology for DNA detection.

GOOD LUCK
Enumerate briefly, the different cytokines that affect the function of cells involved in the cellular immune response.

Phagocytes have different names at different body organs / tissues. Enumerate them, and discuss, briefly, their main functions. Identify their intrinsic and extrinsic defects.

III-Write short notes on the following:
1- The mechanism of autoimmunity.
2- NK cells activities.
3- Differences between DiGeorge and Bruton’s syndromes.
I-Development:

Give an account on the following:

A- Structure and derivatives of the first branchial arch.
B- Blastocyst

II- Genetics:

Genetic disorders result in many maxillofacial syndromes. Discuss, briefly, the different chromosomal aberrations, with particular highlighting on 3 such syndromes.

GOOD LUCK
Suez Canal University  
Faculty of Dentistry  
Oral Pathology Dept.  
Embyology & Genetic exam. for Ph.D. degree in Oral Path.  
Time allowed: two hours  
Dec. 9th, 2007

I-Embryology

**Discuss, in sequence, the events that take place during the first three weeks of pregnancy.

II-Genetics

1- Explain the steps for DNA replication, as one of the chromosome functions.

2- Briefly enumerate:
   a- The clinical implications of X-inactivation.
   b- Types of mutation.

Good Luck
Doctorate Degree Exam in Crown & Bridge Technology

Answer the following questions:

1. How would you use the CAD/CAM technology in dental laboratories to fabricate the different types of all ceramic dental restorations?  
   (45M)

2. Phosphate bonded investments are used with both precious and non-precious alloys. With the existence of differences in the characteristics of both alloys special attention should be paid to the choice of the type of phosphate bonded investment and the technical handling of the investment to suit the selected alloy. Please explain.  
   (35M)

3. Proper spruing technique should lead to a satisfactory cast metal restoration. Meanwhile some casting defects could be attributed to the technique of spruing. Please discuss.  
   (20M)

GOOD LUCK
1. The progress in the field of all ceramic dental restorations has been giving the fixed prosthodontist the options to satisfy the esthetics and function demands of the patient. Discuss.  

(45 M)

2. Give an account on Posselt’s Envelope of Motion. Please draw a labeled diagram from the sagital view for an individual before and after occlusal equilibration, then after restoring his occlusion following the concept of “Freedom in Centric”. Please state the differences and their reasons between the three diagrams.  

(45 M)

3. Give brief account on the following: 
   a) Matching the color of fixed restoration with that of the adjacent natural teeth.  

   (30 M)

   b) Contemporary post and core systems for restoring root canal treated teeth.  

   (30 M)

GOOD LUCK
All Questions to be answered:

Write what you know about:

1: Neutrophils and its role in immunity.

2: The biological significance of complement activation.

3: Selective immunoglobulin deficiency.

Good Luck
Discuss The Followings:-

1) Various surgical approaches to oral & maxillofacial regions

2) Anatomical boundaries of facial spaces involvements due to spread of infection from lower third molar tooth.

3) Surgical dissection in order to expose the submandibular region.

Good Luck.
SUEZ CANAL UNIVERSITY
FACULTY OF DENTISTRY

DEPARTMENT OF ORAL MEDICINE & PERIODONTOLOGY

Doctor Degree Periodontology Examination

April 2007

1- Discuss the periodontal care for the medically compromised patients.

2- Mention the current perspective in furcation treatment.

Good Luck
SUEZ CANAL UNIVERSITY
FACULTY OF DENTISTRY
DEPARTMENT OF ORAL MEDICINE & PERIODONTOLOGY

Doctor Degree Oral Diagnosis Examination
April 2007

1- Discuss the differential diagnosis of a patient presented to your clinic with an ulcerative lesion of the palate.

2- A 63 year-old patient presented with a sore red and depapillated tongue.
   - What is your differential diagnosis?
   - How might you reach to a definitive diagnosis?

3- A 45 years old lady came to your clinic complaining from oral mucosa yellow discoloration.
   a) What differential diagnosis should you consider?
   b) What questions would you ask the patient to rule out the conditions in your differential diagnosis?
   c) What clinical and/or laboratory tests will help you to confirm your diagnosis?
   d) Based on your probable diagnosis, how should this patient's condition be managed?

Good Luck
1. Some oral white lesions are dangerous to the patient's life. Enumerate those lesions. Describe the clinical features and treatment of two of them.

2. Defects in the "globin" portion of the hemoglobin molecule result in some diseases. Discuss this statement, giving an account on the oral features and clinical presentation of such diseases.

3. Compare between oral ulcers that are caused by bacterial infection and those caused by viral infection regarding the etiology and clinical picture.

Good Luck
EXAMINATION OF ORTHODONTICS
DOCTOR DEGREE

All questions to be attempted:

1- Give an account on iatrogenic effects of orthodontic treatment; how to avoid and treat.

2-Discuss the etiology, diagnosis and orthodontic management of unerupted maxillary permanent canine in an otherwise normal occlusion.

3- Orthodontist must differentiate between Class II patients due to dental problems caused by malpositioned teeth on well proportional jaws and skeletal problems caused by a disproportional on the size or position of the jaws. Discuss this statement and the current treatment approaches for different cases.

GOOD LUCK

الامتحان العملي والشفوى يوم الاثنين 22-3-2005 بالجامعة القديمة
Doctor Degree examination, Sept, 2005

Pedodontic Department

Answer The Following Questions:-

1) Discuss different techniques of Local anaesthesia for children.

2) Write a cretique about A.R.T

3) Write what do you know about diagnosis of oral carcinoma.

GOOD LUCK

Oral and clinical examinations will be at Thursday 22-9-2005.
Pedodontics

Answer the following questions:

1. Write what you know about recent advances in cavity preparation and filling materials for children’s teeth.

2. Radiography is a valuable diagnostic tool in dentistry. However, special patients may require certain modifications. Discuss.

3. Discoloration of teeth could represent a challenge to the dentist. Give an account on its causes and treatment modalities.
Answer the following questions:

1) Discuss infection control strategies before, during and after patient treatment.

2) Most of the occupational diseases which originate in different structures of the body also occur in the mouth or have oral manifestations. Discuss; with special reference to dental occupational hazards to which dental professionals are subjected.

3) Mention different methods & media of health education and discuss in details barrier to health education.

I.B: Oral & clinical examinations will be done on Thursday 30/9/2004

Good Luck
Discuss the following:

1) Clinical considerations and treatment of head and neck infections.

2) Temporomandibular joint replacement and rehabilitation.

3) Management of intra-oral cancer.

GOOD LUCK
Suez Canal University
Faculty of Dentistry

11/10/2003
Time Allowed 3 hours
Doctor Degree
in Orthodontic

Anthropology

Answer the following questions

1. Describe the mechanisms of changes in gene pool.

2. Mention the criteria and methods of studying body development.


GOOD LUCK

14/10/2003
PhD Exam October 2003
Occlusion

Time allowed 2 hours

Answer all questions:

1. Discuss the means and significance of determining the mandibular hinge axis location and its applications in fixed prosthodontics.

2. Discuss occlusal equilibration and its application in dentistry.

Good Luck
Dentistry
Dental Material Department
7/10/2003

Dental Material Doctor's Exam for Crown and Bridge Postgraduate Students.

Answer the following:

1- New developments in the elastic impression material (new materials and techniques).

2- Adhesive dental cements and how to obtain the best results out of them.

3- A) Recent classification of dental casting alloys.
   B) Economy gold alloys and other alternative noble alloys.

4- Color parameters /mixing and factors affecting color appearance.

Good Luck

Oral Exam will be held after the Written Exam directly.