

FACULTY OF DENTAL SCIENCES
UNIVERSITY OF PERADENIYA

EXAMINATION FOR DENTAL GRADUATES WITH FOREIGN DEGREES
FOR THE PURPOSE OF REGISTRATION WITH
SRI LANKA MEDICAL COUNCIL – OCTOBER/NOVEMBER, 2014
CLINICAL DENTISTRY – PAPER II

Answer all questions

Each question to be answered in a separate book

Time : 03 hours

PART A

01. 1.1. What is meant by "Dentinogenesis imperfecta"? (15 marks)
1.2. List the characteristic features of Dentinogenesis imperfecta. (50 marks)
1.3. How would you manage a patient with Dentinogenesis imperfecta? (35 marks)
02. Write notes on
2.1. Dental fluorosis. (50 marks)
2.2. Atraumatic Restorative Treatment (ART) Technique. (50 marks)
03. 3.1. What are the factors you would consider when treating a complicated anterior crown fracture of a permanent tooth? (50 marks)
3.2. List your treatment options for the condition mentioned above. (50 marks)
04. A 5 year old child presented to the Paedodontic clinic with a pulp exposed lower second primary molar with multiple carious teeth
4.1. Outline the management of this particular tooth. (40 marks)
4.2. Outline the overall management of the patient. (60 marks)

PART B

05. 5.1. List the clinical manifestations of oral lichen planus/lichenoid reactions (20 marks)
5.2. List the important causes for Lichenoid reactions in the oral cavity (20 marks)
5.3. Outline the management of a patient with oral lichen planus (60 marks)
06. 6.1. List five(05) limitations of dental radiographs in the diagnosis of dental caries (20 marks)
6.2. List four(04) radiolucent shadows that can mimic dental caries in a dental radiograph (30 marks)
6.3. Outline the radiological appearances of sequelae of dental caries (50 marks)
07. 7.1. What are the sub-types of recurrent aphthous ulceration(RAU)? (15 marks)
7.2. List six(06) other types of oral ulceration that need to be differentiated from RAU (25 marks)
7.3. Tabulate the differentiating features between the subtypes of RAU (40 marks)
7.4. List the laboratory investigations that may be needed to identify possible cause(s) of RAU (20 marks)

Contd.....P/2

08. 8.1. Give two examples of diseases belonging to each of the following groups of disorders that cause oral manifestations.
- 8.1.1. Haematologic disorders (10 marks)
 - 8.1.2. Gastro-intestinal disorders (10 marks)
 - 8.2. List the oral manifestations of one of the diseases stated in 8.1.1. (50 marks)
 - 8.3. List the oral manifestations of one of the diseases stated in 8.1.2. (30 marks)

PART C

09. 9.1. List the developmental disorders of the dentine (30 marks)
- 9.2. State the structural abnormalities present in one of the disorders you mentioned in 9.1. (40 marks)
- 9.3. List the radiological findings of the conditions you mentioned in 9.2 (30 marks)
10. List the histopathological features of
- 10.1. caries in enamel (50 marks)
 - 10.2. caries in dentine (50 marks)
11. A 45 year old patient presented with a growth on gingiva
- 11.1. Give **THREE** clinical differential diagnoses (30 marks)
 - 11.2. How would you histopathologically differentiate the lesions mentioned in 11.1.? (70 marks)
12. 12.1. List the different types of biopsy procedures (20 marks)
- 12.2. List **ONE** indication each for the biopsy procedures mentioned in 12.1 (20 marks)
- 12.3. List the steps of performing an incisional biopsy (60 marks)

PART D

13. The caries experience (DMFT) of 13 adults is given below:
5, 0, 3, 3, 4, 3, 2, 8, 1, 6, 0, 4, 5
- Calculate the
- 13.1. mean (25 marks)
 - 13.2. median (25 marks)
 - 13.3. mode (25 marks)
 - 13.4. range of the distribution (25 marks)
14. 14.1. What is screening? (20 marks)
- 14.2. List two advantages for screening for oral potentially malignant disorders (OPMD)/oral cancer (40 marks)
- 14.3. Outline how you would screen the oral cavity for OPMD/oral cancer (40 marks)
15. 15.1. What is the main action of fluoride in the prevention of dental caries? (10 marks)
- 15.2. List four (04) indications for professional fluoride delivery (40 marks)
- 15.3. List two(02) methods of professional fluoride delivery (20 marks)
- 15.4. Describe the advantages and disadvantages of one of the methods mentioned in 15.3. (30 marks)

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16. 16.1. List four(04) risk factors for periodontal diseases (40 marks)
16.2. Indicate the public health measures to reduce periodontal diseases (60 marks)

PART E

17. 17.1. List the components of a removable orthodontic appliance. (50 marks)
17.2. List four(04) indications of removable orthodontic appliances. (50 marks)
18. 18.1. What is cross bite? (20 marks)
18.2. List four(04) aetiological factors contributing to the development of incisor cross bite (40 marks)
18.3. State why incisor cross bite should be corrected in the mixed dentition (40 marks)
19. 19.1. Outline the patient selection criteria in the correction of Class II malocclusion using functional appliances. (60 marks)
19.2. List the disadvantages of the use of functional appliances. (40 marks)
20. 20.1. What is meant by optimum force in orthodontic tooth movement? (20 marks)
20.2. State the adverse effects when excessive forces are applied on teeth during orthodontic tooth movement (50 marks)
20.3. List the possible tooth movements achieved with orthodontic appliances (30 marks)

NV/lph

16th October, 2014