

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

Answer all questions

Each question to be answered in a separate book

Time : 03 hours

PART A

- 01.
- 1.1. List the tests available to assess pulp sensibility. (30 marks)
 - 1.2. What is the most reliable test to assess pulp sensibility? (20 marks)
 - 1.3. Describe the principle behind the test mentioned in 1.2.? (50 marks)
- 02.
- 2.1. What is the main difference between shaping files(S files) and finishing files(F files) in the Protaper root canal preparation technique? (30 marks)
 - 2.2. List the advantages of a continuous taper preparation. (40 marks)
 - 2.3. List the disadvantages of an apical stop preparation. (30 marks)
- 03.
- 3.1. What is understood by the term "avulsion". (30 marks)
 - 3.2. List five(05) important parameters that you would take into consideration in managing a patient presenting with an avulsed tooth. (30 marks)
 - 3.3. What are the possible complications that could occur to the dental pulp following traumatic dental injuries. (40 marks)
04. A patient complains of a cavity on an upper first permanent molar.
- 4.1. List the important findings in the history and examination which would help you to arrive at a diagnosis of the state of the pulp? (70 marks)
 - 4.2. List the important findings in the examination which would help you to determine the type of restoration for this tooth. (30 marks)

PART B

- 05.
- 5.1. List root canal irrigation solutions. (30 marks)
 - 5.2. What is the best irrigant? (20 marks)
 - 5.3. Give the mode of action of 5.2. (50 marks)
- 06.
- 6.1. List the composition of MTA(Mineral trioxide aggregate). (40 marks)
 - 6.2. List the advantages of MTA over calcium hydroxide. (30 marks)
 - 6.3. List the disadvantages of MTA. (30 marks)

- 07.
- 7.1. Classify light cured composites. (50 marks)
 - 7.2. List the disadvantages of light cured composites. (30 marks)
 - 7.3. List the clinical applications of resins in dentistry. (20 marks)
- 08.
- 8.1. Give a classification of cements used in dentistry. (50 marks)
 - 8.2. List the clinical applications of one cement mentioned in 4.1. (50 marks)

PART C

- 9.
- 9.1. Define terms a) Occlusal Vertical Dimension (OVD).
b) Free way space (inter occlusal clearance) (50 marks)
 - 9.2. Outline how you would clinically assess the occlusal vertical dimension during try-in stage of complete denture construction. (50 marks)
- 10.
- 10.1. What harmful effects could arise when wearing removable partial dentures? (50 marks)
 - 10.2. State how you would design removable partial dentures to minimize the harmful effects mentioned in 10.1. (50 marks)
- 11.
- 11.1. Define the term "immediate denture" (20 marks)
 - 11.2. List five(05) advantages and three(03) disadvantages of an immediate denture. (50 marks)
 - 11.3. State the post delivery instructions given to a patient who has received an immediate denture. (30 marks)
- 12.
- 12.1. Define the term "relining". (20 marks)
 - 12.2. State the indications for carrying out a relining procedure for a mandibular complete denture. (40 marks)
 - 12.3. List the different materials that can be used for the above procedure. (40 marks)

PART D

- 13.
- 13.1. List three(03) common developmental anomalies seen in the head and neck region excluding teeth. (30 marks)
 - 13.2. Outline one standard treatment protocol in the management of one condition you mentioned above. (70 marks)

- 14.
- 14.1. List five causes for difficult extraction. (30 marks)
 - 14.2. What post operative instructions should be given following inter-maxillary fixation (IMF) for a fractured jaw under general anaesthesia? (70 marks)
- 15.
- 15.1. List the information to be gained from an Intra Oral Periapical Radiograph when planning surgical removal of an impacted lower third molar tooth. (60 marks)
 - 15.2. List the steps to be followed for surgical removal of a horizontally impacted lower third molar tooth. (40 marks)
- 16.
- 16.1. List the sequelae of odontogenic infections. (60 marks)
 - 16.2. Describe the management of one of the conditions you have mentioned in 16.1. (40 marks)

PART E

- 17.
- 17.1. Define the terms "Scaling" and "Closed Root Surface Debridement" (C-RSD) in periodontal therapy. (40 marks)
 - 17.2. Outline the benefits of scaling and C-RSD in the management of periodontal disease. (60 marks)
- 18.
- 18.1. List the effects of smoking on periodontal health. (30 marks)
 - 18.2. List the adverse effects of high circulating levels of oestrogen and progesterone on periodontal health. (20 marks)
 - 18.3. Outline the role of a dental surgeon in minimizing the adverse effects of high levels of oestrogen and progesterone during pregnancy. (50 marks)
19. Briefly outline the steps in the management of an otherwise healthy patient with:
- 19.1. Localized periodontal abscess. (40 marks)
 - 19.2. Primary Occlusal Trauma. (30 marks)
 - 19.3. Acute Necrotizing Ulcerative Periodontitis. (30 marks)
- 20.
- 20.1. Classify furcation involvement. (40 marks)
 - 20.2. List the treatment options for furcation involvement in a mandibular first molar tooth. (60 marks)

SS/lph

15th October, 2014.