

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (RESTORATIVE DENTISTRY) EXAMINATION -
MARCH 2020

PAPER I

Date: 2nd March 2020

Time : 1.00 pm - 4.00 pm

Answer all six (06) questions.

Each question should be answered in a separate book.

01. A 20-year old patient suffering from amelogenesis imperfecta, requests treatment. The patient has a full complement of teeth

- 1.1. Outline the possible problems and challenges anticipated in managing this patient (50 marks)
- 1.2. Detail your management of this patient (50 marks)

02. 2.1. What factors would you assess when planning restorations for endodontically treated posterior teeth? (20 marks)

2.2. State advantages of adhesive restorations over mechanically retained restorations in endodontically treated posterior teeth. (20 marks)

2.3. Giving emphasis to adhesive restorations discuss the current treatment options available for endodontically treated posterior teeth. (60 marks)

03. 3.1. How would you classify precision attachments? (20 marks)

3.2. Outline the factors to be considered when selecting the most appropriate attachment in complete and partial denture cases (80 marks)

04. 4.1. How do you assess a patient with an upper central incisor having a poor prognosis, referred for an implant retained crown? (50 marks)

4.2. How would you plan to achieve best aesthetics in the above case? (50 marks)

05. 5.1. Discuss the indications and contraindications of conventional bridges? (40 marks)

5.2. What are the possible causes for failure of a conventional bridge? (60 marks)

06. 6.1. Describe how 'good occlusal practice' is established in complete denture prosthodontics. (60 marks)

6.2. State how this practice would differ when replacing teeth using a fixed option in a partially dentate patient. (40 marks)

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PAPER II

Date: 3rd March 2020

Time : 9.00 am - 12.00 pm

Answer all six (06) questions.

Each question should be answered in a separate book.

1. A 40-year-old male requests replacement of his drifted upper left central incisor with a fixed prosthesis, BPE scores are 3 & 4 in all sextants and he smokes 20 cigarettes a day.
 - 1.1. What are the effects of smoking on his periodontal condition?
(20 marks)
 - 1.2. Outline how smoking can modify etiology and pathogenesis of periodontal diseases.
(30 marks)
 - 1.3. State the important aspects in the management of this patient.
(50 marks)

2. A 30-year-old woman in her 20th week of pregnancy presents with a localized oval gingival swelling 2.5 cm x 1.5 cm in size on the lingual aspect of the lower incisors. Dental history revealed that she has bleeding gums on brushing for the last 4-5 months.
 - 2.1. Outline the most suitable care plan in the management of the above problems in this patient.
(60 marks)
 - 2.2. Outline the importance of providing timely-care for this patient.
(25 marks)
 - 2.3. Outline the possible factors which may have predisposed her to the current problem.
(15 marks)

Contd/.2.

3. An 8-year-old child presents with a traumatically displaced upper central incisor, 3mm palatally.
- 3.1. Giving reasons, outline the necessary tests and investigations to be carried out prior to the treatment. (30 marks)
 - 3.2. Outline the management strategies recommended for the above-mentioned tooth. (40 marks)
 - 3.3. What are the possible sequelae associated with the above mentioned trauma? (30 marks)
- 4.
- 4.1. What are the possible dental anomalies that can be associated with a Talon Cusp? (25 marks)
 - 4.2. Give reasons for the importance of early diagnosis of Talon Cusps. (35 marks)
 - 4.3. How would you manage a 12-year-old child who presents with a Talon Cusp in a lateral incisor? (40 marks)
5. An 8-year-old patient presents with anterior cross bite involving both upper central incisors.
- 5.1. What are the possible aetiological factors? (30 marks)
 - 5.2. What are the factors to consider in arriving at a diagnosis? (30 marks)
Ex clinical
 - 5.3. Based on your answers to 5.1 and 5.2, outline the treatment options in the management of the above patient. (40 marks)

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6. 6.1. List the signs and symptoms of a serious oro-facial infection.
(20 marks)
- 6.2. What factors influence the spread of odontogenic infections?
(20 marks)
- 6.3. State the imaging and investigations used for diagnosis and management of odontogenic infections.
(30 marks)
- 6.4. Outline the principles of therapy for odontogenic infections.
(30 marks)