

APRIL 2003

[KI 381]

Sub. Code : 2372

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VIII — Pedodontics and Preventive Dentistry

Part II

Paper II — CLINICAL PEDODONTICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Compare and critically evaluate formocresol, gluteraldehyde and calcium hydroxide as pulpal medicaments. (25)
2. Define and classify oral habits. Discuss the deleterious effects of adverse oral habits on the dentofacial structures and their management modalities. (25)
3. Short essays : (5 × 10 = 50)
 - (a) Sequelae of traumatic injuries to primary teeth
 - (b) Myofunctional appliances

(c) Define and describe the management of rampant caries

(d) Matrices in paediatric restorative dentistry

(e) Gingival enlargements.

OCTOBER 2003

[KJ 381]

Sub. Code : 2372

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VIII — PEDODONTICS AND PREVENTIVE
DENTISTRY

Part II

Paper II — CLINICAL PEDODONTICS

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

M.C.Q. must be answered **SEPARATELY** on the
answer sheet provided as per the instructions on the
first page of M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

1. Write Ellis and Davey and WHO classification of
traumatic injuries to anterior teeth. Discuss
management of an avulsed permanent maxillary incisor.
(15)

2. Discuss in detail medical emergencies in pediatric
dentistry with brief description of management of each.
(15)

3. Write short notes on : (10 × 5 = 50)

- (a) Apexification.
- (b) Treatment of Anterior teeth with fluorosis.
- (c) Prepubertal periodontitis.
- (d) Amelogenesis imperfecta.
- (e) Diabetes mellitus in children.
- (f) Conscious sedation with benzodiazepines.
- (g) Wound healing events following traumatic
injuries.
- (h) Temporomandibular disorders in children.
- (i) Esthetic restorations of deciduous anterior
teeth in children.
- (j) Treatment of thumb-sucking habit.

[KK 381]

Sub. Code : 2372

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VIII — Pedodontics and Preventive Dentistry

Part II

Paper II — CLINICAL PEDODONTICS

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
 forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

A. Essay : (2 × 15 = 30)

(1) Discuss the role of genetics in the development of dental anomalies and the rationale of genetic counseling. (15)

(2) Discuss the aberration in the root canals of deciduous teeth. Why is the dental pulp termed as the black box? (15)

B. Short notes : (10 × 5 = 50)

(1) Caries Detector Dyes.

(2) Pre-disposing factors of hurring caries and its prevention.

(3) Critically evaluate ART.

(4) Stainless crown and its recent advances.

(5) Mineral Trioxide aggregate as an endodontic material.

(6) Ectopic eruption and its management.

(7) Incipient caries.

(8) Recent advances in local anesthesia techniques.

(9) Management of an intruded permanent/deciduous tooth.

(10) DNA Probes.

[KL 381]

Sub. Code : 2372

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VIII — Pedodontics and Preventive Dentistry

Part II

Paper II — CLINICAL PEDODONTICS

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) Discuss in detail the diagnosis, management and prevention of traumatic injuries to anterior teeth.

(2) Discuss the role of root canal medicaments in pediatric endodontics.

II. Short notes : (10 × 5 = 50)

- (a) Re-implantation of teeth.
- (b) Dentin bonding agents.
- (c) Management of acute herpetic gingivostomatitis.
- (d) Caries activity tests.
- (e) Pre dental treatment in cleft palate cases.
- (f) HOME (Hand Over Mouth Exercise).
- (g) Management of cerebral palsy patients.
- (h) Plaque control.
- (i) Conscious sedation.
- (j) Passive immunization.

FEBRUARY 2005

[KM 381]

Sub. Code : 2372

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VIII — Pedodontics and Preventive Dentistry

Part II

Paper II — CLINICAL PEDODONTICS

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

(1) Describe the preventive and conservative office measures for the young permanent tooth.

(2) Discuss the various gingival lesions in children and their management.

II. Short notes : (10 × 5 = 50)

(a) Micro abrasion.

(b) Twin block appliance.

(c) Laser therapy in pedodontic practice.

(d) Tooth colored restorations in pediatric dentistry.

(e) Retraining.

(f) Diet counseling.

(g) Management of hemophilic children in the dental clinic.

(h) Newer analgesics.

(i) Minimal intervention dentistry.

(j) Advances in pit and fissure sealants.

SEPTEMBER 2006

[KP 381]

Sub. Code : 2372

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VIII — Pedodontics and Preventive dentistry

PART II

Paper II — CLINICAL PEDODONTICS

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) "Obturation of deciduous root canals is different from that of permanent teeth" – Comment and discuss in detail the recent advances in the materials used for obturation of deciduous canals. (20)

(2) Discuss the root canal irrigants and their importance in pediatric endodontics. (15)

(3) Discuss in detail the etiology and management of rampant caries. (15)

II. Short notes :

(6 × 5 = 30)

(a) Failures of pit and fissure sealants.

(b) Complications of local anaesthesia.

(c) SABE and the currently accepted antibiotic regime for its prevention in children.

(d) Endodontic considerations for the young permanent anterior tooth.

(e) Radiation protection in children.

(f) Cellulitis in children.