



PG-1278

Seat No. _____

M. D. S. Examination

April / May – 2016

Pedodontics & Preventive Dentistry : Paper - I
(Applied Basic Sciences)

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) All questions are compulsory.
(2) Draw neat, labeled diagrams wherever required.

Long Essays :

2×20=40

- 1 Describe origin course branches and innervations of the Trigeminal nerve.
- 2 Enumerate the various steps in coagulation of blood. Add a note on coagulation disorders and dental implications among children.

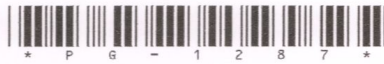
Short Essays :

5×7=35

- 1 Theories of tooth eruption
- 2 Oral manifestations of HIV
- 3 Sampling
- 4 Streptococcus Mutans
- 5 Reflexes in children and their implications

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[60]



PG-1287

Seat No. _____

M. D. S. Examination

April / May – 2016

Pedodontics & Preventive Dentistry : Paper - II
(Clinical Paediatric Dentistry)

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) All questions are compulsory.
(2) Draw neat, labeled diagrams wherever required.

Long Essays :

2×20= 40

- 1 Enumerate the various pharmacological behavior management techniques. Discuss Nitrous oxide-oxygen sedation in detail.
- 2 Elaborate the various treatment options for vital and non vital traumatized immature permanent teeth.

Short Essays :

5×7=35

- 1 Formacresol controversies
- 2 Recent methods of early diagnosis of dental caries
- 3 Anterior tooth crossbite
- 4 Space Regainers
- 5 Clinical applications of Piaget's theory.

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[60]



PG-1296

Seat No. _____

M. D. S. (Branch 1) Examination

April / May – 2016

Pedodontics & Preventive Dentistry :

Paper - III

***(Preventive & Community Dentistry as Applicable
in Pedodontics)***

Time : 3 Hours]

[Total Marks : 75

Instructions : (1) All questions are compulsory.

(2) Draw neat, labeled diagrams wherever required.

Long Essays :

2×20=40

- 1 Discuss the various preventive orthodontic procedures practiced for children.
- 2 Elaborate the classic Diet and dental caries studies. Elaborate the role of diet counseling in caries prevention.

Short Essays :

5×7=35

- 3 Laser in Pediatric dentistry.
- 4 Glass ionomer as a biomimetic material.
- 5 Dental Neglect.
- 6 Mechanism of action of Systemic Fluorides.
- 7 Sugar substitutes.

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[60]



PG-1305

Seat No. _____

M. D. S. Examination

April / May – 2016

Pedodontics & Preventive Dentistry : Paper - IV

Time : 3 Hours]

[Total Marks : 75

Instructions : (1) All questions are compulsory.
(2) Draw neat, labeled diagrams wherever required.

1 Challenges for pediatric dentistry in the 21st century.

OR

2 Enumerate the use of Lasers in Paediatric dental care.

PG-1305]

[60]



KU-3058

Seat No. _____

M. D. S. Examination

June / July - 2017

Pedodontics & Preventive Dentistry : Paper - I

Time : 3 Hours]

[Total Marks : 75

- Instructions : (1) All questions are compulsory.
(2) Draw neat, labelled diagrams wherever required.

Long essay :

2×20=40

- 1 Describe the development, relations, nerve supply, blood supply and lymphatic drainage of the parotid gland.
- 2 Write about the parathyroid hormone and its role in calcium regulation and effects on the dentition.

Short Essay :

7×5=35

- 1 Pain pathway
- 2 Amelogenesis imperfecta
- 3 Wound healing following extraction
- 4 Oral microflora
- 5 Active and passive immunity.

KU-3058]

[90]



KU-3067

Seat No. _____

M. D. S. Examination

June / July - 2017

Pedodontics &

Preventive Dentistry : Paper - II

(Clinical Pediatric Dentistry)

Time : 3 Hours]

[Total Marks : 75

Instructions :

1. All questions are compulsory.
2. Draw neat and labelled diagrams wherever required.

Long Essays :

2×20=40

- 1 Discuss the deleterious effects of pernicious oral habits on the developing oro-facial complex.
- 2 Critically evaluate with literature the various obturating materials used in primary teeth.

Short Essays :

7×5=35

- 1 Recent advances in Transport media for avulsion
- 2 Molar Incisor Hypoplasia and its management.
- 3 SHED.
- 4 Anterior tooth cross bite.
- 5 Jean Piaget's theory of psychology.



KU-3076 Seat No. _____

M. D. S. Examination

June / July - 2017

**Paper - III : Pedodontics &
Preventive Dentistry**

*(Preventive and Community Dentistry
as Applicable in Pedodontics)*

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (1) All questions are compulsory.
- (2) Draw neat, labelled diagrams wherever required.

Long Essays :

2×20=40

- (1) Enumerate the various Topical Fluorides. Critically evaluate the various topical fluorides available for professional use.
- (2) Discuss impact of philosophy, materials and alternative caries removal systems in making Pediatric dental operative procedures more conservative.

Short Essays :

7×5=35

- (1) Caries Activity tests
- (2) Minimal invasive dentistry
- (3) Role of various agents in Remineralisation
- (4) Sugar substitutes
- (5) Dental Neglect.

KU-3076]

[90]



KU-3085

Seat No. _____

M. D. S. Examination

June / July - 2017

**Paper - IV : Pedodontics &
Preventive Dentistry**

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (1) All questions are compulsory.
- (2) Draw neat, labelled diagrams wherever required.

1 Recent advances in Pediatric Endodontics.

OR

2 Cleft Lip and Palate Rehabilitation Paediatric Dentists' Role.

KU-3085]

[90]



M-14108

Seat No. _____

M. D. S. Examination

June / July - 2018

**Pedodontics &
Preventive Dentistry : Paper - I**

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (1) All questions are compulsory.
- (2) Draw neat and labelled diagrams wherever required.

Long essays :

2×20=40

- (1) Define growth and development. Describe in detail pre and post natal development of maxilla. Mention clinical applications.
- (2) Write in detail the vascular events of Inflammation.

Short essays :

7×5=35

- (1) Infection control in a dental office
- (2) Buffering capacity of Saliva
- (3) Herpes Infection among children
- (4) Microflora of plaque
- (5) Anaphylaxis

M-14108]

[90]



MB-14117 Seat No. _____

M. D. S. Examination

June / July - 2018

Pedodontics & Preventive Dentistry : Paper - II
(Clinical Pediatric Dentistry)

Time : 3 Hours]

[Total Marks : 75

Instructions :

- (1) All questions are compulsory.
- (2) Draw neat, labelled diagrams wherever required.

Long Essays :

2×20=40

- (1) Explain in detail about the various storage media available for avulsed tooth and its clinical management.
- (2) Discuss the causes and effects of space loss in arches and the role of space maintainers in arch integrity.

Short Essays :

7×5=35

- (1) Pre-appointment behaviour modification
- (2) Chemomechanical caries removal
- (3) Conscious sedation
- (4) Mouth breathing habit
- (5) Rotary endodontics in pediatric dentistry

MB-14117]

[90]



MD-14126 Seat No. _____

M. D. S. Examination

June / July - 2018

Pedodontics & Preventive Dentistry : Paper - III

*(Preventive & Community Dentistry as
Applicable in Pedodontics)*

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) All questions are compulsory.
(2) Draw neat and labelled diagrams wherever required.

Long Essays : **2×20=40**

- 1 Role of pit and fissure sealants in school dental health and public dental health program.
- 2 Describe the development of child's behaviour according to Freud, Erickson and Piaget. Elaborate its clinical applicability.

Short Essays : **7×5=35**

- 1 Alternative restorative treatment
- 2 Dental home
- 3 Test of significance
- 4 Minimal invasive dentistry
- 5 School dental health programme.

MD-14126]

[90]



ME-14135 Seat No. _____

M. D. S. Examination

June / July - 2018

**Pedodontics & Preventive
Dentistry : Paper - IV**

Time : 3 Hours]

[Total Marks : 75

Instructions : (1) All questions are compulsory.
(2) Draw neat and labelled diagrams
wherever necessary.

1 Recent advances in prevention of dental caries.

OR

2 Discuss the drawbacks of existing restorative materials. Describe the concept of stem cell tooth repair and regeneration in dentistry.

ME-14135]

[90]