

M.D.S. Examination

Paediatric & Preventive Dentistry : Branch VIII

Paper-I

(Applied Anatomy, Physiology, Pathology, Microbiology, Nutrition & Dietetics)

Date : 01-04-2019, Monday]

[Max. Marks : 75

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates marks.
(2) Write legibly and to the point.
(3) Draw diagrams wherever necessary.

1. Discuss about origin, course, relations, Branches of Mandibular nerve with applied aspects. (20)
 2. Enumerate clotting factors. Write in detail about coagulation mechanism in children with clinical significance. (20)
 3. Write short notes on : (35)
 - a) Innate Immunity
 - b) Inflammatory mediators
 - c) Role of Streptococcus mutans in dental caries.
 - d) Balanced diet.
 - e) Eruption sequence in children with clinical applications.
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M.D.S. Examination

Paediatric & Preventive Dentistry : Branch VIII

Paper-I

(Applied Basic Sciences)

[Max. Marks : 100]

Date : 16-04-2019, Tuesday]

Time : 3 Hours]

- Instructions :
- (1) Figure to the right indicates marks.
 - (2) Write legibly and to the point.
 - (3) Draw diagrams wherever necessary.
 - (4) Each question carries 10 marks.

- Q.1) Describe in detail the origin, course, relation and distribution of facial nerve.
- Q.2) Enumerate the clotting factors and discuss the mechanism of blood coagulation.
- Q.3) Describe in detail the development, structure, nerve supply, blood supply and lymphatic drainage of the parotid gland.
- Q.4) Discuss the postnatal growth of mandible and its applied aspect.
- Q.5) Elaborate theories of tooth eruption.
- Q.6) Discuss the management of trigeminal neuralgia.
- Q.7) What is ethical consideration of a research proposal?
- Q.8) Describe the composition and functions of saliva.
- Q.9) Describe the pathways of pain.
- Q.10) Define an antigen and antibody and discuss the antigen- antibody reactions.
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M.D.S. Examination

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Paper II

(Clinical Paediatric Dentistry)

Date : 03-04-2019, Wednesday]

Time : 3 Hours]

[Max. Marks : 75

- Instructions :** (1) Figure to the right indicates marks.
(2) Write legibly and to the point.
(3) Draw diagrams wherever necessary.

1. Discuss various obturating materials used in primary teeth with review of literature. (20)
 2. Define & classify space maintainers. Discuss factors to be considered while doing space maintainer. Discuss in detail about distal shoe space maintainer. (20)
 3. Write short notes on : (35)
 - a) Management of autistic child.
 - b) Why gingival diseases are less common in children.
 - c) Stainless steel crowns in primary molars.
 - d) Discuss about Lesion sterilization and tissue repair concept in children.
 - e) Discuss about various storage media used in carrying avulsed teeth.
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M.D.S. Examination**Paediatric & Preventive Dentistry : Branch VIII****Paper III****(P. & C. D. as Applied to Paediatric Dentistry)****Date : 05-04-2019, Friday]****Time : 3 Hours]****[Max. Marks : 75**

- Instructions :** (1) Figure to the right indicates marks.
(2) Write legibly and to the point.
(3) Draw diagrams wherever necessary.

1. Discuss about Preventive Resin Restorations (PRR) in children . Add a note on Pit and fissure sealants. (20)
2. Discuss in detail about infant oral health care. (20)

3. Write short notes on : (35)
 - a) Sampling
 - b) Student't' test.
 - c) Oral hygiene index simplified.
 - d) Fluoride varnish in prevention of dental caries.
 - e) Diet chart.
