N.B.:
1) All questions are COMPULSORY.
2) Figures to the right indicate FULL marks.
3) Draw neat and labeled diagrams WHEREVER necessary.
4) Answers to both the sections should be written in the SEPARATE answer books.

SECTION – I

Q.1 Enumerate the various theories of growth. Discuss in details Moss’s theory of growth. [10]

Q.2 Define occlusion and discuss development of normal occlusion. [10]

Q.3 Write notes on ANY THREE of the following:
   a) Wolff’s law
   b) Transitional swallow
   c) Modifications of Angle’s classification
   d) Tongue thrust [10]

SECTION – II

Q.4 Classify Myofunctional Appliances. Write the mechanism of action and modifications of the ‘Bionator’ appliance. [10]

Q.5 Define “habit”. Discuss the tongue thrusting habit and the significance of tongue posture. [10]

Q.6 Write short notes on ANY THREE of the following:
   a) Shape memory and Super elasticity of wires
   b) Nance and Carey’s index
   c) Undermining resorption
   d) Midline diastema [10]

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N.B.:  
1) All questions are COMPULSORY.  
2) Answers to the two sections should be written in SEPARATE answer books.  
3) Draw neat- labelled diagram wherever necessary.  
4) Figures to the RIGHT indicate full marks.

SECTION-I

Q.1 Define and classify pulpotomy. Give indications, contraindications and procedure for single visit formocresol pulpotomy. (10)

Q.2 Define behavior management and behavior shaping. Explain in detail fundamentals of behavior management. (10)

Q.3 Write short notes on (ANY TWO): (05)
   a) Natal and neonatal teeth
   b) Sugar substitutes
   c) Cleft palate- classification and role of pediatric dentist in management

SECTION-II

Q.4 Define and classify handicapped child. Write in detail about management of haemophilia child. (10)

Q.5 A seven year old boy reports to dental clinic within one hour of trauma with avulsion of upper right permanent incisor. Give management. (10)

Q.6 Write notes on any TWO of the following: (05)
   a) Prophylactic odontomy
   b) Distal shoe space maintainer
   c) Nalgonda technique

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N.B.:
1) All questions are COMPULSORY.
2) Answers to the two sections should be written in SEPARATE answer books.
3) Draw neat-labelled diagram wherever necessary.
4) Figures to the RIGHT indicate full marks.

SECTION-I

Q.1 Give classification, indications, procedure and modifications for stainless steel crown preparation in primary posterior teeth. (10)

Q.2 Define and classify tongue thrusting. Write in detail clinical features and management for the same. (10)

Q.3 Write short notes on (ANY TWO):
   a) Modelling
   b) Puberty gingivitis
   c) Dental fluorosis (05)

SECTION-II

Q.4 Define conscious sedation. Explain in detail about conscious sedation. (10)

Q.5 What is apexification. Enumerate various materials used and write about procedure of apexification. (10)

Q.6 Write notes on any TWO of the following:
   a) Matrices used in pediatric restorative dentistry
   b) Child abuse and neglect
   c) ART (05)