

**APRIL 1995**

SB 281

M.D.S. DEGREE EXAMINATION,

New Regulations

Part II

Branch V — Orthodontics

Paper III — PRINCIPLES, PREVENTION AND TREATMENT

Time Three hours. Maximum : 100 marks

Answer ALL questions

1. Discuss the management of skeletal problems in preadolescent children. (25)
2. Discuss the causes, effect and management of enamel defects following orthodontic therapy. (25)
3. Write short notes on : (5 × 10 = 50)
  - (a) Segmented arch technique.
  - (b) TMA wires.
  - (c) Motivation for adult orthodontic treatment
  - (d) Long face treatment.
  - (e) Heat treatment of orthodontic wires.

OCTOBER 1996

PK 250

M.D.S. DEGREE EXAMINATION

(New Regulations)

~~Part I~~  
Part II

Branch V - Orthodontics

Paper III - PRINCIPLES, PREVENTION AND  
TREATMENT

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the current concepts about extra-oral anchorage. (15)
  2. Discuss various types of orthodontic forces used, rate of root movement and possible tissue damage. (15)
  3. Write briefly on: (5x10=50)
    - (a) Headgear Herbst
    - (b) Utility arch
    - (c) Magnetic forces in Orthodontics
    - (d) Indirect bonding
    - (e) Myodynamic appliances
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MP 227

**APRIL 1997**

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch V - Orthodontics

Part II

Paper III - PRINCIPLES, PREVENTION AND  
TREATMENT

Time: Three hours

Max. marks:100

Answer All Questions

Discuss skeletal malocclusion and their  
clinical significance. Write your treatment  
approach to manage skeletal class II case.  
(25)

2. Discuss Functional Regulator appliances.  
Illustrate with diagrams. (25)

3. Write briefly on: (5x10=50)

(a) Torque in orthodontics

(b) Effect & utility of light care in  
Orthodontics.

(c) Soldering in Orthodontics

(d) Technique of canine retraction

(e) Utility arch.

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APRIL 1998

SV 241

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch V - Orthodontics

Part II

Paper III - PRINCIPLES, PREVENTION AND  
TREATMENT

Time: Three hours

Max.marks:100

Answer All Questions

1. Describe the finishing and detailing procedures using pre-adjusted edgewise and Begg appliances. (25)
  2. Discuss the indications for non-extraction treatment. What procedures have facilitated the shift from extraction to predominantly non-extraction treatment trend in the recent years? (25)
  3. Write briefly on: (5x10=50)
    - (a) Twin block appliance
    - (b) Rapid vs slow midpalatal suture expansion
    - (c) En-masse anterior retraction in any three different fixed appliance techniques
    - (d) Management of 'gummy smile'
    - (e) Concepts of functional occlusion.
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OCTOBER 1999

[KA 370]

M.D.S. DEGREE EXAMINATION

Branch V — Orthodontics

Part II

Paper III — PRINCIPLES, PREVENTION AND  
TREATMENT

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe in detail the role of Molar distalisation in orthodontic therapy. (25)
  2. Discuss the evolution, role and application of acid etching of enamel in contemporary orthodontic practice. (25)
  3. Write short notes on :
    - (a) Super elastic phenomenon in Nickel Titanium arch wires
    - (b) Fluoride induced enamel remineralisation
    - (c) Role of friction in sliding mechanics
    - (d) Nickel induced allergy and its management
    - (e) Gnathologic positioner. (5 × 10 = 50)
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**[KB 370]                      APRIL 2000**

**M.D.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch V — Orthodontics**

**Part II**

**Paper III — PRINCIPLES, PREVENTION AND  
TREATMENT**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

**Draw illustrative diagrams wherever necessary.**

1. Discuss in details the preventive and interceptive measures which can be undertaken to avoid malocclusion. (25)
  2. Discuss the diagnosis, treatment planning and management of adult patients having skeletal open bite. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Tip edge technique.
    - (b) Long face syndrome.
    - (c) Management of tongue thrusting habit.
    - (d) Utility arches.
    - (e) Interdental stripping.
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OCTOBER 2000

[KC 370]

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Part II

Branch V — Orthodontics

Paper III — PRINCIPLES, PREVENTION AND  
TREATMENT

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw illustrative diagrams where necessary.

1. Discuss in detail the diagnosis and treatment planning for a patient aged 8 years having Angle's Cl. II Div. 1 type of malocclusion with excessive overjet and overbite. (25)

2. Define Anchorage and discuss in detail anchorage management in Orthodontic treatment. (25)

3. Write short notes on :

(5 × 10 = 50)

- (a) Occlusograms
  - (b) Transpalatal arches
  - (c) Nickel titanium arches
  - (d) Growth predictions
  - (e) High pull head gear.
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