

APRIL 1995

M.D.S. DEGREE EXAMINATION

New Regulations

Part II

Branch V — Orthodontics

Paper II — CHILD PSYCHOLOGY, GENETICS,
RADIOGRAPHY

Time Three hours Maximum 100 marks

Answer ALL questions

1. Discuss cephalometric criteria for functional appliance therapy. (25)
 2. Discuss the mechanism of heredity and the heritable types of malocclusion (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Natural head position.
 - (b) Xero radiography.
 - (c) Chromosomal aberrations
 - (d) Witzel grid.
 - (e) Twin studies.
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PK 249

OCTOBER 1996

M.D.S. DEGREE EXAMINATION

(New Regulations)

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Part II

Branch V - Orthodontics

Paper II - CHILD PSYCHOLOGY GENETICS
RADIOGRAPHY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss psychological aspects of severe malocclusion in children. (25)
 2. Discuss the errors in cephalometric radiography, their clinical significance and methods to remedy the same. (25)
 3. Write briefly on: (5x10=50)
 - (a) Radiation hazards in orthodontic practice.
 - (b) Genetic determination
 - (c) Contour photography
 - (d) Cephalometric extraction criteria
 - (e) Monohybrid inheritance
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APRIL 1997

MP 226

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch V - Orthodontics

Part II

Paper II - CHILD PSYCHOLOGY, GENETICS,
RADIOGRAPHY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss briefly errors in Cephalometry and its limitations as a tool in treatment planning. (25)
 2. Discuss child psychology in relation to malocclusion and orthodontic treatment. (25)
 3. Write briefly on: (5x10=50)
 - (a) Skeletal analysis in Lateral Head Cephalometrics
 - (b) Axigraphy
 - (c) Cephalometric longitudinal growth study in maxilla.
 - (d) Cephalometric longitudinal study in mandible
 - (e) Twin studies.
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APRIL 1998

SV 240

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch V - Orthodontics

Part II

Paper II - CHILD PSYCHOLOGY, GENETICS,
RADIOGRAPHY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss and compare the merits and demerits of any three methods of superimposition of cephalograms to assess the changes in the mandibular and maxillary dimensions/position. (25)
2. Describe any two authors' methods to assess the skeletal maturation from the hand and wrist X-ray pictures. (25)
3. Write briefly on: (5x10=50)
 - (a) Polygenic inheritance
 - (b) Psychological aspect of childhood habit
 - (c) Inadequacy of angle ANB
 - (d) Recent advances in imaging T.M.J.
 - (e) Natural head position in Cephalometry.

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M.D.S. DEGREE EXAMINATION

Branch V — Orthodontics

Part II

Paper II — CHILD PSYCHOLOGY, GENETICS,
RADIOGRAPHY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the psychological basis of dentofacial attractiveness and factors affecting its perception among the lay public, Dental professionals and Orthodontists. (25)
 2. Outline briefly any one postero anterior view cephalometric analysis. Add a note on the accuracy and utility of PA view analyses and their application in the evaluation of facial asymmetries. (25)
 3. Write briefly on :
 - (a) Motivation in orthodontic patients
 - (b) Accuracy of computerised cephalometric evaluations
 - (c) Ricketts four step analysis
 - (d) Dipaolos Quadrilateral
 - (e) COGS analysis. (5 × 10 = 50)
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APRIL 2000

[KB 369]

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Orthodontics

Part II

**Paper II — CHILD PSYCHOLOGY, GENETICS,
RADIOGRAPHY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw illustrative diagrams wherever necessary.

1. Discuss the role of heredity in the etiology of malocclusion. (25)
 2. Discuss in details McNamara's cephalometric analysis and its role in finding components of malocclusion. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Tweed's diagnostic triangle.
 - (b) Management of Thumb sucking habit.
 - (c) Dental ortho pantomograms.
 - (d) Tongue posture in normal occlusion.
 - (e) Study models.
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OCTOBER 2000

[KC 369]

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Part II

Branch V — Orthodontics

Paper II — CHILD PSYCHOLOGY, GENETICS,
RADIOGRAPHY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw illustrative diagrams wherever necessary.

1. Discuss the role of muscular pressure in the etiology of malocclusion. (25)
2. Discuss the role of cephalometry in modern orthodontic diagnosis and treatment planning. (25)

3. Write short notes on (5 × 10 = 50)

- (a) Computerised digitalization in orthodontics.
 - (b) Rickett's super imposition techniques
 - (c) Dunlop's β theory in child psychology.
 - (d) Hand wrist X rays.
 - (e) Burstone's soft tissue analysis.
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