DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - JANUARY- 2010

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long ESSAY (9×2=18)

1 Classify oral epithelium and discuss the histology of orthokeratinized epithelium.

2) Discuss the morphology of permanent maxillary first molar.

WRITE SHORT NOTES ON: (8×4=32)

3) Theories of Tooth eruption

4) Difference between cellular and acellular cementum

5) Bell stage of tooth development.

6) Ground section

7) Deglutition

8) Principal fibres of periodontal ligament

9) Enamel lamellae and enamel tufts

10) Physical and chemical properties of dentin

WRITE BRIEFLY ON (10x2=20)

11) Mamelon

12) Bundle Bone

13) Zone of weil

14) Berbeck granules

15) Dead tracts

16) Odontoclast

17) Inferior alveolar nerve

18) Ligaments of TMJ

19) Curve of spee

20) Gnarled enamel

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - JUNE- 2010

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long ESSAY (9×2=18)

1) Define periodontium. Discuss the principal fibers of periodontal ligaments.

2)Discuss the morphology of permanent maxillary canine.

WRITE SHORT NOTES ON: (8×4=32)

3) Non keratinocytes

4) Hematoxylin and eosin stains

5) Cemento-enamel junction

6) Eruption dates of permanent teeth

7) Development of palate

8)Traits

9) Functions of maxillary sinus

10) Hertwig's epithelial root sheath

WRITE BRIEFLY ON: (10×2=20)

11) Myoepithelial cells

12) Curve of Wilson

13) Enamel Knot

14) Secondary cementum

15) Predentin

16) Reparative Dentin

17) Pulp stones

18) Von ebner's gland

19) Fate of dental lamina

20) Stratum granulosum

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - JUNE- 2011

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long ESSAY (9×2=18)

1) Discuss various types of Dentin.

2) Morphology of permanent maxillary first molar.

WRITE SHORT NOTES ON (8x4=32)

3) Functions of the pulp.

4) Types of cementum.

5) Theories of Dentinal Sensitivity

6) Tooth numbering systems

7) Surface structure of enamel

8) Cells of periodontal ligament

9) Fixation

10) Histology of TMJ

WRITE BRIEFLY ON: (10x2=20)

11) Basket cell

12) Xylene

13) Ridge

14) Dental Follicle

15) Glands of Blandin and Nuhn

16) Osteocyte

17) Taste bud

18) Histology of anterolateral zone of palate 19) Roots and root canals in permanent mandibular first molar

20) Sequence of eruption of permanent teeth.

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - JUNE- 2012

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours MaxMarks:70

Note: Answer all questions.

Long Essay (9×2=18)

1.Describe the morphology of mandibular second premolar. Add a note on its chronology. 6+3=9

2.Describe the fibers of periodontal ligament. Add a note on functions of periodontal ligament. 5+4=9

WRITE SHORT NOTES ON:

8X2=32

3.Development of Tongue.

4.Lining mucosa.

5.Nerve supply of mandibular teeth

6.Enumerate the different types of dentin and describe them briefly.

7.Hypo calcified areas of enamel

8.Development of palate

9.composition of saliva

10.Theories of calcification

WRITE BRIEFLY ON:

10X2=20

11.Curve of Monson

12.Sequence of eruption of deciduous teeth

13.Cingulum

14.Myoepithelial cell

15.Nasmyth's membrane

16.Col 17.Mior salivary gland

18.Langerhan's cells

19.Circumvallate papillae

20.Enamel knot.

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - JUNE- 2012

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (9×2=18)

1) Chronology of Development and Morphology of Permanent Maxillary First Premolar.

2) Classification of Oral Mucosa.

Description of microscopic Structure of Keratinized stratified squamous epithelium

WRITE SHORT NOTES ON: (8x4=32)

3) Theories of Eruption of Teeth

4) Enamel Rods

5) Principal fibres of the Periodontal Ligament

6) Tooth Numbering systems

7)Differences between Serous and Mucous Acini

8) Histophysiological Stages of Tooth Development

9)Steps in Processing of Soft Tissues for Microscopic Study

10)Deglutition

WRITE BRIEFLY ON: (10x2=20 )

11) Fossae

12)Dead Tracts

13)Plexus of Raschkow

14)Curve of Spee

15) Sharpey's Fibres

16)Infantile Swallow

17) Articular Disc of the Temporomandibular Joint

18) Robinson's Alkaline Phosphatase Theory of Mineralization

19) Predentin

20) Embrasure

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - December- 2012

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (9×2=18)

1) Describe in detail histology of enamel and add a note on age changes in enamel.

2) Morphology of permanent maxillary canine. Add a note on the arch traits of permanent canines.

WRITE SHORT NOTES ON (8x4=32)

3) Non-Keratinocytes

4) Centric Occlusion

5) Histology of Maxillary sinus

6) Occlusal surface of permanent mandibular first molar

7) Junctional Epithelium

8) Dentinal Tubules

9) Age changes in pulp

10) Sub Mandibular Salivary Gland

WRITE BRIEFLY ON: (10x2=20 )

11) Zone of Weil

12) Odontoclasts

13) Enamel Spindles

14) Acellular Cementum

15) Neural Control of Mastication

16) Grooves

17) Epithellal rests of Malassez

18) Hyaline layer of Hopewell -Smith

19) Functions of Saliva

20) Dental formula for the human dentition.

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - June- 2013

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (2×9=18)

1) Enumerate and describe theories of eruption of teeth. Add a note on clinical considerations related to eruption of teeth.

2) Classify oral epithelium and discuss in detail the histology of masticatory mucosa.

WRITE SHORT NOTES ON: (8x4=32)

3) Inferior alveolar nerve

4) Deglutition

5) Different tooth numbering systems

6) Anti microbial properties of saliva

7) Stages of tooth development

8) Myoepithelial cells

9) Sharpey's fibers

10) Occlusal surface of permanent Maxillary first molar

WRITE BRIEFLY ON (10x2=20)

11) Curve of Wilson

12) Pit and Fissure

13) Lamina Dura

14) Natal and neonatal tooth

15) Embrasures

16) Perikymata

17) Odontoblasts

18) Bundle bone

19) Accessory canals

20) Pulp stones

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - January- 2014

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (2×9=18)

1) Discuss In detail morphology of mandibular first molar tooth.

2) Describe the microscopic structure of pulp. Add a note on Its functions.

WRITE SHORT NOTES ON (8x4=32 )

3) Muscles of mastication

4) Development of mandible

5) Functions of tooth

6) Centric occlusion

7) Hertwig's epithelial root sheath

8) Principal fibers of periodontal ligament

9) Morphology of lingual surface of Maxillary central Incisor

10) Alveolar bone

WRITE BRIEFLY ON (10×2=20)

11) Enamel tufts

12) Functions of saliva

13) Tertiary dentine

14) Anatomical crown and clinical crown of tooth

15) Physical properties of enamel

16) Neural crest cells

17) Striated ducts

18) Cementocytos

19) Tome's granules layer

20) Subodontoblastic capillary plexus

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - June- 2014

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (2×9=18)

1) Define enamel and write about life cycle of ameloblasts.

2) Describe in detail morphology of maxillary first molar.

WRITE SHORT NOTES ON: (8x4=32 )

3) Differences between deciduous and permanent teeth

4)Deglutition

5) Theories of eruptlon

6) Composition of Saliva

7) Functions of periodontal ligament

8) Classify cementum

9) Tooth numbering systems

10) Calcium and phosphorus metabolism

WRITE BRIEFLY ON: (10x2=20)

11) Enamel knot and cord

12) Bundle bone

13) Mucous acini

14) Predentin

15) Neonatal line

16) Arch traits

17) Embrasures

18) Mamelons

19) Pit and fissure

20) Non keratinocytes

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - January- 2015

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (2×9=18)

1) Classify Oral Mucous Membrane. Discuss in detail the histology of gingiva.

2) Discuss the morphology of permanent mandibular first molar.

WRITE SHORT NOTES ON: (8x4=32)

3) Development of palate

4) Differences between maxillary and mandibular canine

5) Functions of pulp

6) Principal fibres of periodontal ligament

7) Functions of saliva

8)Bud and Cap shape of tooth development

9) Serous and Mucous acini

10) Histology of Maxillary Sinus

WRITE BRIEFLY ON: (10x2=20)

11) Curve of Wilson

12) Submerged teeth

13) Enamel tufts and spindles

14) Secondary and tertiary dentin

15) Myoepithelial cells

16) Lamina Dura

17) Cellular Cementum

18) Pulp stones

19) Zsigmondy Palmer notation

20) Cell rests of Serres

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B.D.S DEGREE EXAMINATION - JUNE/JULY- 2015

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (9×2=18)

1) Describe the morphology of permanent Maxillary first molar. Write differences between permanent maxillary and mandibular molars.

2) Describe the various stages of tooth development and give a note on life cycle of ameloblast.

WRITE SHORT NOTES ON (8x4=32)

3) Morphology of mandibular second premolar

4) Differences between mucous and serous acini

5) Intercellular junctions

6) Hypo-calcified structures in enamel

7) Endochondral bone formation

8) Dentine hypersensitivity

9) Gingival fibres

10) Theories of mineralization

WRITE BRIEFLY ON: (10x2=20)

11) Benedict shift

12) Histology of Fungiform papilla

13) Structures derived from dental papilla

14) Curve of Monson

15) Myofibroblasts

16) Reparative dentin

17) Enumerate ductal system of salivary glands.

18) Neural crest cells

19) Hertwig's epithelial root sheath

20)Embrasures

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - January- 2016

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long essay (9×2=18)

1 Describe the morphology of permanent mandibular first molar.write differences between permanent mandibular first molar and deciduous mandibular first molar

2) Discuss detail the microscopic features of periodontal ligament and alveolar bone.

WRITE SHORT NOTES ON (8x4=32)

3) Temporomandibular joint anatomy

4) Mechanism of deglutition

5) Microscopic features of enamel

6) Classification of malocclusion

7) Theories of tooth eruption

8) Processing of hard and soft tissues for microscopic study

9) Fluoride metabolism

10) Tongue papillae

WRITE BRIEFLY ON (10x2=20)

11) Plexus of Raschkow

12) Reactionary dentin

13) Gnarled enamel

14) Osteoclasts

15) Blood supply to maxillary sinus

16) Lamina Dura

17) Hertwig's epithelial root sheath

18) Dilaceration

19) Dental formula for human dentition

20) Functions of tooth

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - JUNE/JULY- 2016

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (9×2=18)

1) Write about composition, formation of Saliva and add a note on antimicrobial properties of Saliva.

2) Write about Maxillary Canine and its differences with Mandibular Canine

WRITE SHORT NOTES ON (8x4=32)

3) Histology and functions of maxillary sinus

4) Theories of pain transmission

5) Stages of tooth development

6) Shedding of deciduous teeth

7) Histology of pulp

8) Functions and clinical considerations of cementum

9) Histology of non keratinized epithelium

10) Hypocalcified areas of enamel

WRITE BRIEFLY ON: (10x2=20)

11) Embrasures

12) Palatine rugae

13) col

14) Pits and fissures

15) Odontoblasts and Odontoclasts

16) Odland bodiess

17) Curve of Wilson and Curve of Spee

18) Clearing agent

19) Tomes process

20) Stellate reticulum

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - JANUARY- 2016

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (9×2=18)

1) Describe the morphology of permanent mandibular first molar. write differences between permanent mandibular first molar and deciduous mandibular first molar.

2) Discuss in detail the microscopic features of periodontal ligament and alveolar bone.

WRITE SHORT NOTES ON (8x4=32)

3) Temporomandibular joint anatomy

4) Mechanism of deglutition

5) Microscopic features of enamel

6) Classification of malocclusion

7) Theories of tooth eruption

8) Processing of hard and soft tissues for microscopic study

9) Fluoride metabolism

10) Tongue papillae

WRITE BRIEFLY ON (10x2=20)

11) Plexus of Raschkow

12) Reactionary dentin

13) Gnarled enamel

14) Osteoclasts

15) Blood supply to maxillary sinus

16) Lamina Dura

17) Hertwig's epithelial root sheath

18) Dilaceration

19) Dental formula for human dentition

20) Functions of tooth

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - JANUARY- 2017

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (9×2=18)

1. Classify oral mucous membrane and write about keratinized mucosa.

2) Write about mandibular first molar.

WRITE SHORT NOTES ON (8x4=32)

3) Tooth numbering systems

4) Occlusal surface of mandibular first premolar

5) Histology of temporo mandibular joint

6) Muscles of mastication

7) Theories of mineralization

8) Histology of salivary gland

9) Types of dentin

10) Cells of periodontal ligament

WRITE BRIEFLY ON: (10x2=20)

11) Age changes in pulp

12) Decalcification

13) Cingulum

14) Gubernacular cord

15) Myoepithelial cells

16) Sequence of eruption ot permanent teeth

17) Dead tracts

18) Tomes granular layer

19) Gnarled enamel

20) Osteoblasts and osteocytes

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - June/July- 2017

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essays (2×9=18)

1. Discuss In detail the morphology and histology of submandibular gland.

2.Descrlbe in detail morphology of permanent Maxillary First Molar.

WRITE SHORT NOTES ON: (8x4=32)

3) Composition of Saliva

4) Differences between maxillary central and lateral incisor

5) Deglutition

6) Gingival fibres

7) Theories of shedding

8) Bell stage of tooth development

9) Functions of Periodontal ligament

10) Histology of Maxillary sinus

WRITE BRIEFLY ON: (10x2=20)

11) Neonatal lines

12) Sclerotic dentin

13) Embrasures.

14) Alveolar bone proper

15) Sharpey's fibres

16)Odontoblastic zone

17) Transverse ridge with examples

18) FDI tooth notation

19)Ugly Duckling Stag

20) Dental Lamina

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - January- 2018

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (2×9=18)

1) Describe the morphology of permanent mandibular 1rst molar

2) Enumerate the differences between primary and permanent Teeth.

WRITE SHORT NOTES ON (8×4=32)

3) Compensation Curves

4) Keratinized Epithelium

5) Development of Palate

6) Tooth numbering system

7) Principle fibres of periodontal ligament

8) Temporomandibular joint

9) Hypo calcified structures of dentin

10) Theories of dentinal sensitivity

WRITE BRIEFLY ON (10×2=20)

11) Bundle bone

12) Histology of circumvallate papilla

13)Transitional structures during tooth development

14) Mamelons

15) Dentogingival junction

16) Remnants of enamel organ

17) Lamina dura

18) Incremental lines of Salter

19) Tertiary dentin

20) Zones of pulp

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - June/July- 2018

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (2×9=18)

1) Describe the microscopic structure of the pulp. Add a note on its function.

2) Describe in detail the morphology of permanent maxillary canine

WRITE SHORT NOTES ON (8x4=32)

3) Types of cementum

4)Principal fibres of Periodontal Ligament

5) Derivatives of the first Branchial Arch

6)Age changes in Dentin

7)Secretory stage of the life cycle of ameloblasts

8)Hertwig's epithelial root sheath

9) Tissue processing

10)Functional and histological differences between keratinized and non-keratinized oral mucosa

WRITE BRIEFLY ON (10x2=20)

11) Key hole' appearance of enamel

12) Epithelial rests of Malassez

13) Basket cell

14) Lingual nerve

15) Histology of Maxillary sinus

16) Nasmyth's membrane

17) Pit and Fissure

18) Cusp of Carabelli

19) Resting and Reversal lines

20) Alkaline phosphatase

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP VIJAYWADA -520 008

B.D.S DEGREE EXAMINATION - June/July- 2019

FIRST BDS EXAMINATION(NR) SECOND BDS EXAMINATION (OR)

DENTAL ANATOMY INCLUDING, EMBRYOLOGY & ORAL HISTOLOGY

(NR & OR)

Time: 3 Hours Max Marks: 70

Note: Answer all questions.

Long Essay (2×9=18)

1. Describe the morphology of maxillary first Molar.9m

2. Classify oral mucosa. Write in detail about masticatory mucosa. (3+6=9m)

Write short notes on (8×4=32)

3. Bell stage of tooth development.

4. Composition and functions of saliva

5. Occlusal surface of mandibular first molar.

6. Theories of dentin hypersensitivity.

7. Development of Palate

8. Age changes of dentin.

9. Hypercementosis

10. Formation of root.

Brief notes on 10×2 =20

11. Mammelon

12. Osteon.

13. FDI tooth numbering system

14. Embrasures

15.Submerged teeth

16. Cells rest of Malassez.

17. Bundle bone

18. Dental lamina

19. Primary and secondary cuticle

20. Functions of pulp.

# Excel BDS

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Motivating students for Distinction and NEETMDS from BDS 1st, 2nd 3rdyr Itself.

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