

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

**First Year BDS Degree Regular/Supplementary model
Examinations NOVEMBER.2023**

**Dental Anatomy, Embryology and Histology
(2016 Scheme)**

Time: 3 hrs

Max marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays:

(2x10=20)

1. Enumerate stages of development of teeth. Write in detail about cap stage
2. Describe morphology of maxillary first molar. Add a note on chronology

Short Notes:

(4x5=20)

- 3 theories of eruption
4. keratinized epithelium
5. tooth numbering system
6. ductal system of salivary gland

Answer Briefly:

(10x3=30)

7. hypocalcified structures of enamel
8. Myoepithelial cells
9. difference between maxillary and mandibular canine
10. Cemento enamel junction
11. alveolar bone proper
12. Histology of maxillary sinus
13. Resting lines and reversal lines
14. odontoclasts
15. formalin
16. Phases of deglutition

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

**First Year III Internal BDS Degree Regular/Supplementary
Examinations SEPTEMBER.2023**

**Dental Anatomy, Embryology and Histology
(2016 Scheme)**

Time: 3 hrs

Max marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays:

(2x10=20)

1. Define and classify oral mucosa. Describe in detail various aspects of specialized mucosa
2. Describe morphology of maxillary first premolar. Add a note on chronology

Short Notes:

(4x5=20)

3. Classify cementum. Explain cementogenesis
4. difference between serous and mucous acini
5. tooth numbering system
6. theories of dentin sensitivity

Answer Briefly:

(10x3=30)

7. surface structures of enamel
8. Myoepithelial cells
9. difference between maxillary and mandibular canine
10. Acellular afibrillar cementum
11. denticles
12. Histology of maxillary sinus
13. Desmosomes
14. Zones of pulp
15. Early bell stage
16. Transitory structures of enamel organ

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

**First Year BDS Degree Supplementary MODEL Examinations AUGUST 2023
Dental Anatomy, Embryology and Histology
(2016 Scheme)**

Time: 3 hrs

Max marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays:

(2x10=20)

1. Define and classify oral mucosa. Describe in detail various aspects of specialized mucosa
2. Describe morphology of maxillary first molar. Add a note on chronology

Short Notes:

(4x5=20)

3. Classify cementum. Explain cementogenesis
4. Hypocalcified structures of enamel
5. Advanced bell stage
6. Ductal system of salivary gland

Answer Briefly:

(10x3=30)

7. Interglobular dentin
8. Myoepithelial cells
9. Occlusal aspect of mandibular second premolar
10. Acellular afibrillar cementum
11. Histology of maxillary sinus
12. Cervical loop
13. Desmosomes
14. Cementoenamel junction
15. FDI system
16. Transitory structures of enamel organ

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

**First Year BDS Degree II INTERNAL Regular Examinations JUNE.2023
Dental Anatomy, Embryology and Histology
(2016 Scheme)**

Time: 3 hrs

Max marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays:

(2x10=20)

1. Define and classify oral mucosa. Describe in detail microscopic and ultramicroscopic structure of keratinized mucosa.
2. Describe morphology of maxillary lateral incisor. Add a note on difference between maxillary central and lateral incisors

Short Notes:

(4x5=20)

3. Amelogenesis
4. Difference between cellular and acellular cementum
5. Hypocalcified structures of enamel
6. Discuss in detail cellular components of PDL

Answer Briefly:

(10x3=30)

7. Interglobular dentin
 8. Functions of PDL
 9. Advanced bell stage
 10. Gnarled enamel
 11. Non keratinocytes
 12. Taste buds
 13. Oxytalan fibers
 14. CEJ
 15. Cross striations
 16. Chemical composition and physical properties of dentin
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ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

**First Year I Internal BDS Degree Regular Examinations MARCH.2023
Dental Anatomy, Embryology and Histology
(2016 Scheme)**

Time: 3 hrs

Max marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays: (2x10=20)

1. Enumerate stages of development of tooth. Explain advanced bell stage
2. Describe morphology of maxillary central incisor. Add a note on chronology

Short Notes: (4x5=20)

3. Principal fibres of PDL
4. Cap stage
5. Transitory structures of enamel organ
6. Root formation

Answer Briefly:

(10x3=30)

7. Cusp, Groove and Fossae
8. Define periodontium. Enumerate the components of periodontium
9. Line angle and point angle.
10. Cervical loop.
11. Stellate reticulum.
12. Dental lamina & its fate.
13. Oxytalan fibers.
14. Mamellons.
15. Dental formula.
16. Types of ridges.

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

First Year model exam I BDS Degree Regular Examinations, february.2023
Dental Anatomy,Embryology and Histology
(2016 Scheme)

Time: 3 hrs

Max marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays:

1. Enumerate and discuss in detail various types of dentin. Add a note on dentinogenesis (2x10=20)
2. Describe morphology of mandibular first molar. Add a note on chronology

Short Notes:

- 3.Principal fibres of PDL (4x5=20)
4. Microscopic structure of keratinised epithelium
5. Difference between serous and mucous acini
6. Theories of eruption

Answer Briefly:

- 7 Perikymata (10x3=30)
8. Alveolar bone proper
9. Theories of dentin sensitivity
10. Pulp stones
11. Transitory structures of enamel organ
12. Sharpeys fibers
13. Curve of spee
14. Robinsons alkaline phosphatase theory
15. Odontoclasts
16. Cell rests of malassez

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

**First Year III Internal BDS Degree Regular/Supplementary Examinations
DECEMBER.2022**

**Dental Anatomy, Embryology and Histology
(2016 Scheme)**

Time: 3 hrs

Max marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays:

1. Define and classify oral mucosa. Describe in detail various aspects of specialized mucosa **(2x10=20)**
2. Describe morphology of maxillary first premolar. Add a note on chronology

Short Notes:

3. Classify cementum. Explain cementogenesis **(4x5=20)**
4. Non keratinocytes
5. Advanced bell stage
6. Ductal system of salivary gland

Answer Briefly:

7. Chemical composition of enamel **(10x3=30)**
8. Myoepithelial cells
9. Occlusal aspect of mandibular second premolar
10. Acellular afibrillar cementum
11. Histology of maxillary sinus
12. Cervical loop
13. Desmosomes
14. Cementoenamel junction
15. FDI system
16. Transitory structures of enamel organ

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

**First Year III Internal BDS Degree Regular/Supplementary Examinations
DECEMBER.2022**

**Dental Anatomy, Embryology and Histology
(2016 Scheme)**

Time: 3 hrs

Max marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays:

(2x10=20)

1. Define and classify oral mucosa. Describe in detail various aspects of specialized mucosa
2. Describe morphology of maxillary first premolar. Add a note on chronology

Short Notes:

(4x5=20)

3. Classify cementum. Explain cementogenesis
4. Non keratinocytes
5. Advanced bell stage
6. Ductal system of salivary gland

Answer Briefly:

(10x3=30)

7. Chemical composition of enamel
8. Myoepithelial cells
9. Occlusal aspect of mandibular second premolar
10. Acellular afibrillar cementum
11. Histology of maxillary sinus
12. Cervical loop
13. Desmosomes
14. Cementoenamel junction
15. FDI system
16. Transitory structures of enamel organ

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

**First Year I Internal BDS Degree REGULAR Examinations June.2022
Dental Anatomy,Embryology and Histology
(2016 Scheme)**

Time: 3 hrsMax marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays: (2x10=20)

1. Classify the stages of development of teeth. Write in detail advanced bell stage
2. Explain in detail maxillary central incisors

Short Notes: (4x5=20)

- 3.Tooth numbering system
- 4.transitory structures of enamel organ
5. Root formation
6. Cap stage

Answer Briefly: (10x3=30)

7. Cusp, groove, ridge, fossa
8. Cell rests of malassez
9. histodifferentiation
10. Bud stage
- 11.HERS
12. Stellate reticulum
13. Cervical loop
14. Structure of tooth
15. Dental lamina
16. Dental follicle

First Year BDS Degree Model Examinations December 2021

Dental Anatomy, Embryology and Oral Histology

Time: 3 Hours

Max Marks: 70

Answer all questions

Draw diagrams wherever necessary

Essay: (2x10=20)

1. Enumerate stages in the life cycle of ameloblasts. Discuss in detail amelogenesis
2. Explain in detail the anatomy of permanent mandibular first molar with neat diagrams. Add a note on its chronology.

Short Notes: (4x5=20)

3. Name theories of eruption and discuss the most accepted theory .
4. Microscopic features of palate
5. Describe occlusal anatomy of mandibular second premolar.
6. Describe the difference between serous and mucous acini

Brief Notes: (10x3=30)

7. Osteoclast
8. Histology of maxillary sinus lining
9. Palmar notation
10. Inter globular dentin
11. Functions of periodontal ligament
12. Incremental lines of salter
13. H&E staining procedure
14. Curve of spee
15. Neural crest cells.
16. Robinsons alkaline phosphatase theory

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

First Year I Internal BDS Degree REGULAR Examinations June.202.
Dental Anatomy, Embryology and Histology
(2016 Scheme)

Time: 3 hrs Max marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays: (2x10=20)

1. Classify the stages of development of teeth. Write in detail advanced bell stage
2. Explain in detail maxillary central incisors

Short Notes: (4x5=20)

3. Tooth numbering system
4. transitory structures of enamel organ
5. Root formation
6. Cap stage

Answer Briefly: (10x3=30)

7. Cusp, groove, ridge, fossa
8. Cell rests of malassez
9. histodifferentiation
10. Bud stage
11. HERS
12. Stellate reticulum
13. Cervical loop
14. Structure of tooth
15. Dental lamina
16. Dental follicle

ST.GREGORIOS DENTAL COLLEGE

Q P Code: 114002

Reg. No.:

**First Year I Internal BDS Degree REGULAR Examinations June.2022
Dental Anatomy,Embryology and Histology
(2016 Scheme)**

Time: 3 hrsMax marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw Diagrams wherever necessary.

Essays: (2x10=20)

1. Classify the stages of development of teeth. Write in detail advanced bell stage
2. Explain in detail maxillary central incisors

Short Notes: (4x5=20)

3. Tooth numbering system
4. transitory structures of enamel organ
5. Root formation
6. Cap stage

Answer Briefly: (10x3=30)

7. Cusp, groove, ridge, fossa
8. Cell rests of malassez
9. histodifferentiation
10. Bud stage
11. HERS
12. Stellate reticulum
13. Cervical loop
14. Structure of tooth
15. Dental lamina
16. Dental follicle

First Year BDS Degree Model Examinations December 2021

Dental Anatomy, Embryology and Oral Histology

Time: 3 Hours

Max Marks: 70

Answer all questions

Draw diagrams wherever necessary

Essay: (2x10=20)

1. Enumerate stages in the life cycle of ameloblasts. Discuss in detail amelogenesis
2. Explain in detail the anatomy of permanent mandibular first molar with neat diagrams. Add a note on its chronology.

Short Notes: (4x5=20)

3. Name theories of eruption and discuss the most accepted theory .
4. Microscopic features of palate
5. Describe occlusal anatomy of mandibular second premolar.
6. Describe the difference between serous and mucous acini

Brief Notes: (10x3=30)

7. Osteoclast
8. Histology of maxillary sinus lining
9. Palmar notation
10. Inter globular dentin
11. Functions of periodontal ligament
12. Incremental lines of salter
13. H&E staining procedure
14. Curve of spee
15. Neural crest cells.
16. Robinsons alkaline phosphatase theory

FIRST YEAR BDS INTERNAL EXAMINATION
DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hrs

Max Marks: 70

- Answer all the questions to the point neatly and legibly
- Do not leave any blank pages between the answers

ESSAYS

(2x10)= 20

1. Classify in detail about the cells and fibers of periodontal ligament.
2. Describe in detail about the morphology of permanent maxillary central incisor.

SHORT NOTES

(4x5) = 20

3. Discuss in detail about the tooth numbering system
4. Discuss in detail about the histology of advanced bell stage
5. Enumerate the physiological stages of tooth development
6. Difference between permanent and deciduous dentition

ANSWER BRIEFLY

(10x3)=30

7. Dental formula
8. Hertwig's epithelial root sheath
9. Define dental lamina and fate
10. Define embrasure
11. Stellate reticulum
12. Physical properties of enamel
13. Transitory structures in cap stage
14. Cingulum
15. Functions of tooth
16. Labial and Palatal aspects of permanent maxillary lateral incisor

First Year BDS (Supplementary)Model Examinations – August 2021
Dental Anatomy, Embryology and Oral Histology

Time:3:00 Hours

Max Marks: 70

Answer all questions

Draw diagrams wherever necessary

Essay: (2x10=20)

1. Enumerate the various stages of odontogenesis. Discuss advanced bell stage of tooth development with the help of a neat diagram .
2. Describe the chronology and morphological aspects of permanent maxillary canine.

Short Notes: (4x5=20)

3. The stages in life cycle of ameloblast .
4. Enumerate and explain briefly the various tooth numbering systems .
5. Name the theories of eruption and discuss the most accepted theory.
6. Difference between cortical and cancellous bone .

Brief Notes: (10x3=30)

7. Morula
8. Contact areas and embrasures
9. Histology of pulp
10. Functions of cementum.
11. Fixatives
12. Demilunes
13. Age changes in dentin
14. Non keratinocytes
15. Chronology of primary dentition
16. Primate space

First Year BDS (Supplementary) Model Examinations – August 2021

Dental Anatomy, Embryology and Oral Histology

Time: 3:00 Hours

Max Marks: 70

Answer all questions

Draw diagrams wherever necessary

Essay: (2x10=20)

1. Enumerate the various stages of odontogenesis. Discuss advanced bell stage of tooth development with the help of a neat diagram .
2. Describe the chronology and morphological aspects of permanent maxillary canine.

Short Notes: (4x5=20)

3. The stages in life cycle of ameloblast .
4. Enumerate and explain briefly the various tooth numbering systems .
5. Name the theories of eruption and discuss the most accepted theory.
6. Difference between cortical and cancellous bone .

Brief Notes: (10x3=30)

7. Morula
8. Contact areas and embrasures
9. Histology of pulp
10. Functions of cementum.
11. Fixatives
12. Demilunes
13. Age changes in dentin
14. Non keratinocytes
15. Chronology of primary dentition
16. Primate space

First Year BDS (Supplementary) Model Examinations – August 2021

Dental Anatomy, Embryology and Oral Histology

Time: 3:00 Hours

Max Marks: 70

Answer all questions

Draw diagrams wherever necessary

Essay: (2x10=20)

1. Enumerate the various stages of odontogenesis. Discuss advanced bell stage of tooth development with the help of a neat diagram .
2. Describe the chronology and morphological aspects of permanent maxillary canine.

Short Notes: (4x5=20)

3. The stages in life cycle of ameloblast .
4. Enumerate and explain briefly the various tooth numbering systems .
5. Name the theories of eruption and discuss the most accepted theory.
6. Difference between cortical and cancellous bone .

Brief Notes: (10x3=30)

7. Morula
8. Contact areas and embrasures
9. Histology of pulp
10. Functions of cementum.
11. Fixatives
12. Demilunes
13. Age changes in dentin
14. Non keratinocytes
15. Chronology of primary dentition
16. Primate space

2021

St.Gregorios Dental College
Second *Internal Assessment*
Ist BDS Regular Batch

Time:3 HOURS

Max marks:70

Answer all the questions

Draw diagrams wherever necessary

ESSAY

2x10=20 MARKS

- 1.Describe the different morphological aspects of maxillary canine with suitable diagrams.
- 2.Describe in detail about the composition and function of saliva.

SHORT NOTES

4x5=20 MARKS

- 3.Life cycle of ameloblast.
- 4.Theories of dentin sensitivity.
- 5.Theories of tooth eruption.
- 6.Histological zones of pulp

BRIEF NOTES

3x10=30 MARKS

- 7.Myoepithelial cells
- 8.Bundle bone
- 9.Osteoblast
- 10.Dead tracts
- 11.Interglobular dentin
- 12.Reparative dentin
- 13.labial aspect of mandibular central incisor
- 14.Pulp stones
- 15.Bud stage
- 16.Neural crest cells

Ist INTERNAL ASSESSMENT

Ist BDS Regular Batch

2021

Time:3 HOURS

Max marks:70

Answer all the questions

Draw diagrams wherever necessary

ESSAY 2x10=20 MARKS

1. Describe the different morphological aspects of maxillary central incisor with suitable diagrams.

2. Describe in detail about the cells of periodontal ligament.

SHORT NOTES

4x5=20 MARKS

3. Tooth numbering system/nomenclature.

4. Difference between cellular and acellular cementum.

5. Hypocalcified structures of enamel.

6. Functions of periodontal ligament

BRIEF NOTES

3x10=30 MARKS

7. Dentino enamel junction

8. Dental formulae

9. Osteoblast

10. Incremental lines of Retzius

11. Physical properties of enamel

12. Enumerate periodontal fibers

13. Contact Areas

14. Line Angles

15. Facial aspect of lateral incisor

16. Surface structure of enamel

ST.GREGORIOS DENTAL COLLEGE

First BDS Additional Batch Second Model Examination – November 2019

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hours Max. Marks: 70

Answer all questions

Draw diagram wherever necessary

Essays

(2x10 marks =20marks)

1. Classify oral mucous membrane. Write in detail about keratinized mucosa.
Add a note on the functions of oral mucosa
2. Classify salivary glands. List the difference between serous and mucous acini. Add a note on ductal system of salivary gland.

Short notes

(4x5 marks =20marks)

3. Describe the cells and fibers of periodontal ligament
4. Enumerate and describe theories of eruption of teeth.
5. Zones of pulp
6. Discuss in detail the different types of dentin

Brief notes

(10x3 marks =30marks)

7. Cementoenamel junction
8. Taste buds
9. Alveolar bone proper
10. Myoepithelial cells
11. Osteoclasts
12. Functions of pulp
13. Histology of maxillary sinus
14. Pulp stones
15. Non keratinocytes.
16. Describe the theories of sensitivity of dentin

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ST.GREGORIOS DENTAL COLLEGE

First BDS Additional Batch First Model Examination – October 2019

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hours

Max. Marks: 70

Answer all questions

Draw diagram wherever necessary

Essays

(2x10 marks =20marks)

1. Enumerate the stages in the development of tooth. Describe the early and late bell stages. Add a note on the formation of root. (1+4+3+2=10)
2. Describe the morphology of permanent maxillary first premolar.

Short notes

(4x5 marks =20marks)

3. Discuss in detail various tooth numbering systems
4. Occlusal and palatal aspects of permanent maxillary first molar
5. Life cycle of Ameloblast and Amelogenesis.
6. Describe the difference between deciduous and permanent dentition

Brief notes

(10x3 marks =30marks)

7. Enamel lamella and Enamel spindle
8. Dental formula
9. Dental lamina and its fate
10. Transitory structures in tooth development.
11. Embrasures
12. Palatal aspect of permanent mandibular first molar
13. Palatal aspects of permanent maxillary canine
14. Line angles and point angles
15. Occlusal aspect of permanent mandibular second premolar
16. Physical and chemical properties of enamel

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Regular Batch

FIRST YEAR BDS MODEL EXAMINATION JUNE 2019
DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

TIME:3Hrs.

MAX MARKS: 70

ANSWER ALL THE QUESTIONS
DRAW DIAGRAMS WHEREVER NECESSARY

ESSAYS

(2X10=20 MARKS)

1. Describe the various histophysiologic stages in odontogenesis with neat diagrams.
2. Describe the morphology of permanent maxillary canine with diagram.

SHORT NOTES

(4X5=20MARKS)

3. Define periodontium. Describe the principle fibers of periodontal ligament.
4. Describe the ductal system of salivary glands. Write the differences between serous and mucous acini.
5. Occlusal and palatal aspect of permanent maxillary first molar with diagram.
6. Explain the life cycle of ameloblast with diagrams.

BRIEF NOTES

(10x3=30 MARKS)

7. Enamel lamella and enamel spindles.
8. Describe the theories of sensitivity of dentin.
9. Tooth numbering systems.
10. Structure of myoepithelial cells.
11. Odland bodies.
12. Osteoclast
13. Zones of pulp.
14. Incremental lines of enamel.
15. Bundle bone
16. Submerged tooth

ST. GREGORIOS DENTAL COLLEGE, CHELAD

FIRST BDS REGULAR BATCH THIRD INTERNAL EXAMINATION – MAY 2019

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

TIME: 3 hours

MAX. Marks: 70

Answer all questions

Draw diagrams wherever necessary

ESSAYS

(2×10 marks=20marks)

1. Describe in detail the morphology of permanent maxillary first molars.
2. Classify oral mucosa. Enumerate its functions. Describe the masticatory mucosa with neat diagrams.

SHORT NOTES

(4×5 marks=20marks)

3. Buccal and occlusal aspects of permanent mandibular first molar.
4. Enumerate and describe theories of eruption.
5. Ductal system of salivary glands.
6. Define maxillary sinus and explain about its histology and functions.

BRIEF NOTES

(3×10 marks=30marks)

7. Occlusal aspect of maxillary first premolar
8. Non-keratinocytes
9. Maxillary molar primary cusp triangle and cusp of Carabelli
10. Bundle bone
11. Occlusal aspect of mandibular second premolar
12. Myoepithelial cells
13. Zones of pulp
14. Compensatory curves
15. Odland bodies
16. Leeway space of Nance

ST.GREGORIOS DENTAL COLLEGE, CHELAD

First BDS Regular Batch Second Internal Examination – February 2019

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hours

Max. Marks: 70

Answer all questions
Draw diagram wherever necessary

Essays

(2x10 marks =20marks)

1. Enumerate the stages in the development of tooth. Describe the bell stage with diagram.
2. Describe the morphology of permanent maxillary canine with diagram.

Short notes

(4x5 marks =20marks)

3. Discuss in detail about the development of tongue, its muscles, blood supply, nerve supply and associated papillae with diagram.
4. Describe the morphology of permanent maxillary lateral incisor with diagram.
5. Write in detail about the components and functions of periodontal ligament
6. Palatal aspect of mandibular canine with diagram

Brief notes

(10x3 marks =30marks)

7. Cemento-enamel junction with diagrams
8. Write about intermediate cementum and functions of cementum
9. Difference between mandibular central and lateral incisors
10. Dental lamina and its fate
11. Transitory structures in tooth development.
12. Describe about Cementoid, Cementocytes and Incremental lines of cementum
13. Classify and describe each type of cementum
14. Osteoclasts
15. Physical and chemical properties of cementum
16. Describe about Cementicles and Hypercementosis

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ST.GREGORIOS DENTAL COLLEGE

First BDS Regular Batch First Internal Examination – December 2018

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hrs

Max. Marks: 70

Answer all questions

Draw diagram wherever necessary

Essays

(2x10 marks =20marks)

1. Write in detail about the difference between deciduous and permanent teeth(10 marks)
2. Describe the morphology of permanent maxillary central incisor with diagrams. (10 marks)

Short notes

(4x5 marks =20marks)

3. Discuss in detail on various tooth numbering systems.
4. Define periodontium. Write about the structures that constitute periodontium. Describe the components of periodontal ligament
5. Write in detail about the principal fibers of periodontal ligament with diagram
6. Describe the parts of a tooth and its supporting structures with diagram. Write about the hard and soft tissue components of tooth.

Brief notes

(10x3 marks =30marks)

7. Difference between anatomical crown, clinical crown, anatomical root and clinical root
8. Mention the surfaces of teeth and division of surfaces of crown and root into thirds.
9. Line angles and point angles
10. Write about arches, quadrants and classes of teeth
11. Succedaneous and non-succedaneous teeth
12. Dental formula
13. Write about the traits of dentition
14. Write the sequence of eruption (with eruption age) of primary and permanent dentition
15. Chronology and dimensions of permanent maxillary central incisor
16. Write the divisions of oral cavity, hard tissue and soft tissue components of oral cavity

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St. Gregorios Dental College , Chelad.

First BDS Additional Batch Second Model Examination – December 2018 Dental Anatomy, Embryology and Oral Histology

Time: 3 hours

Max. Marks: 70

Essays (2x10 marks =20)

1. Classify oral mucosa and enumerate its function. Describe **masticatory mucosa** with the help of a neat diagram
2. Describe in detail the morphology of the maxillary first premolar.

Short notes (4x5marks=20)

3. Discuss the theories of pain sensation in dentine and add a note on inter globular dentine
4. Explain in brief the Principal fibres of PDL with diagrams
5. List the differences between serous and mucous acini. Explain the ductal system of salivary glands.
6. Enumerate the theories of eruption of teeth and describe in detail the ligament traction theory

Brief notes (10x3marks=30)

7. Structure of taste bud
8. Fixatives
9. Myoepithelial cells
10. Bundle bone
11. Submerged tooth
12. Cellular cementum
13. List any three functions of saliva
14. Non keratinocytes
15. Dentinoenamel junction
16. Occlusal aspect of maxillary second premolar

20
25
100

ST.GREGORIOS DENTAL COLLEGE

First BDS Additional Batch First Model Examination – November 2018

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hours Max. Marks: 70

Answer all questions

Draw diagram wherever necessary

Essays

(2x10 marks =20marks)

1. Enumerate the stages in the development of tooth. Describe the bell stage with diagrams.
- ✓ 2. Describe the morphology of permanent maxillary canine with diagram.

Short notes

(4x5 marks =20marks)

3. Discuss in detail on various tooth numbering systems.
- ✓ 4. Occlusal and palatal aspect of permanent maxillary first molar with diagram.
- ✓ 5. Explain the life cycle of ameloblasts with diagrams.
6. Write in detail about Hertwig's epithelial root sheath and root formation

Brief notes

(10x3 marks =30marks)

- ✓ 7. Enamel lamella and Enamel spindles
8. Dental formula
9. Dental lamina and its fate
10. Transitory structures in tooth development.
11. Pulp stones
12. Physical and chemical properties of enamel
13. Histology of maxillary sinus
14. Functions of pulp
15. Explain the zones of pulp.
- ✓ 16. Incremental lines of enamel

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Model Exam (Regular Batch)

FIRST YEAR BDS DEGREE EXAMINATIONS JUNE 2018

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

TIME: 3 HRS

MAX. MARKS: 70

ANSWER ALL QUESTIONS

DRAW DIAGRAMS WHEREVER NECESSARY

ESSAYS

(2 x 10 = 20 MARKS)

- ✓ 1. Describe the various histophysiologic stages in odontogenesis with neat diagrams.
2. Compare and contrast the morphology of permanent maxillary and mandibular first molar

SHORT NOTES

(4 x 5 = 20 MARKS)

3. Describe in detail the development, structure and shift of dento-gingival junction
4. Describe the theories of eruption of teeth
- ✓ 5. Define periodontium. Describe the principal fibers of periodontal ligament
- ✓ 6. Describe the ductal system of salivary glands. Write the differences between serous and mucous acini

BRIEF NOTES

(10 x 3 = 30 MARKS)

7. Describe the histologic structures in the region of Dentino-enamel junction
- ✓ 8. Describe the theories of sensitivity of dentin
9. Describe Cellular, Acellular, Fibrillar and Afibrillar Cementum
10. Surface structures of enamel
- ✓ 11. Tooth numbering systems
12. Compensating curvatures of dental arches
- ✓ 13. Structure of myoepithelial cell
- ✓ 14. Odland bodies
- ✓ 15. Osteoclast
- ✓ 16. Zones of pulp

ST. GREGORIOS DENTAL COLLEGE
FIRST BDS REGULAR BATCH THIRD INTERNAL EXAMINATION – JUNE 2018
DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hrs

Max. Marks: 70

Answer all questions
Draw diagram wherever necessary

Essays

(2x10 marks =20 marks)

1. Explain the life cycle of ameloblasts with diagrams
2. Describe in detail the morphology of permanent maxillary first molar.

Short essays

(4x5 marks =20 marks)

3. Describe the morphology of permanent mandibular first molar.
4. Describe in detail the structure of gingiva
5. Amelogenesis.
6. Describe in detail dento-gingival junction

Brief notes

(10x3 marks =30 marks)

7. Physical and chemical properties of cementum
 8. Pulp stones
 9. Enamel lamella and Enamel spindles
 10. Non keratinocytes
 11. Keratohyaline granules
 12. Incremental lines of enamel
 13. Leeway space of Nance
 14. Occlusal aspect of mandibular second premolar
 15. Compensating curves
 16. Hunter – Schreger bands
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ST.GREGORIOS DENTAL COLLEGE
FIRST BDS REGULAR BATCH SECOND INTERNAL EXAMINATION – MARCH 2018
DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hrsMax. Marks: 70

Answer all questions

Draw diagram wherever necessary

Essays (2x10 marks =20marks)

1. Classify oral mucous membrane. Write in detail about keratinized mucosa.
Add a note on the functions of oral mucosa
2. Describe in detail the morphology of maxillary first premolar.

Short essays(4x5 marks =20marks)

3. Write in detail about non-keratinized mucosa
4. Lingual and Occlusal aspect of mandibular second premolar
5. Enumerate the morphological and physiological stages in tooth development. Mention the different layers of cells seen in these stages.
Describe in detail about the components of tooth germ (enamel organ, dental papilla and dental sac)
6. Labial and palatal aspects of maxillary canine and mandibular canine

Brief notes(10x3 marks =30marks)

7. Dental lamina and its fate
 8. Transitory structures in tooth development.
 9. Cervical loop and Membranapreformativa
 10. Non keratinocytes
 11. Stellate reticulum and its functions
 12. Hertwig's epithelial root sheath
 13. Papillae of the tongue
 14. Occlusal aspect of mandibular first premolar
 15. Sensory and motor innervations of tongue
 16. Write about tuberculum impar and foramen caecum in tongue development
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ST.GREGORIOS DENTAL COLLEGE

First BDS Regular Batch First Internal Examination – December 2017

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hrs

Max. Marks: 70

Answer all questions

Draw diagram wherever necessary

Essays

(2x10 marks =20 marks)

1. Define periodontium. Write about the structures that constitute periodontium. Write in detail about the principal fibers of periodontal ligament with diagrams (10 marks)
2. Describe the morphology of permanent maxillary central incisor with diagram. (10 marks)

Short notes

(4x5 marks =20 marks)

3. Discuss in detail on various tooth numbering systems.
4. Describe the morphology of permanent maxillary canine with diagram.
5. Describe the parts of a tooth and its supporting structures with diagram
6. Write in detail about the components and functions of periodontal ligament

Brief notes

(10x3 marks =30 marks)

7. Palatal aspect of permanent maxillary lateral Incisor
8. Dental formula
9. Dental lamina and its fate
10. Physical and chemical properties of enamel
11. Mamelons
12. Mention the derivatives of tooth germ and enumerate the morphological stages of tooth development
13. Mention the traits of dentition and surfaces of teeth
14. Blood supply and nerve supply of periodontal ligament
15. Write the sequence of eruption (with eruption age) of primary and permanent dentition
16. Line angles and point angles

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ST.GREGORIOS DENTAL COLLEGE

First BDS Additional Batch Second Model Examination – January 2018

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hours

Max. Marks: 70

Answer all questions

Draw diagram wherever necessary

Essays

(2x10 marks =20marks)

1. Classify salivary glands. List the difference between serous and mucous acini.
Add a note on ductal system of salivary gland. (2+4+4=10 marks)
2. Describe the morphology of permanent mandibular first molar.

Short notes

(4x5 marks =20marks)

3. Principal fibers of periodontal ligament with diagrams.
4. Explain briefly the structure of keratinized epithelium
5. Enumerate and describe theories of eruption of teeth.
6. Describe in detail the structure of gingiva

Brief notes

(10x3 marks =30marks)

7. Vermilion border of lip
8. Taste buds
9. Von Ebner's glands
10. Oclusal aspect of mandibular second premolar
11. Maxillary molar primary cusp triangle
12. Non keratinocytes
13. Myoepithelial cells
14. Fixation of tissues
15. Histology of maxillary sinus
16. Osteoclasts

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ST.GREGORIOS DENTAL COLLEGE

First BDS Additional Batch First Model Examination – January 2018

DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time: 3 hours Max. Marks: 70

Answer all questions

Draw diagram wherever necessary

Essays

(2x10 marks =20marks)

1. Enumerate the stages in the development of tooth. Describe the bell stage with diagrams. Add a note on the formation of root.
2. Describe the morphology of permanent maxillary canine with diagram.

Short notes

(4x5 marks =20marks)

3. Discuss in detail on various tooth numbering systems.
4. Describe the morphology of permanent maxillary central incisor with diagram.
5. Amelogenesis.
6. Describe the various types of dentin.

Brief notes

(10x3 marks =30marks)

7. Cervical loop and Membranapreformativa
8. Dental formula
9. Dental lamina and its fate
10. Transitory structures in tooth development.
11. Embrasures
12. Traits of dentition
13. Write the sequence of eruption (with eruption age) of primary and permanent dentition
14. Line angles and point angles
15. Explain the zones of pulp.
16. Cementoenamel junction

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