

**BDS -1<sup>st</sup> YEAR SUPPLEMENTRY EXAMINATIONS; SEP./OCT.-2017**  
**(SUBJECT: ANATOMY; PAPER CODE: 0210101)**

TIME: 03 Hrs.

Max.Marks: 70

Instructions:-

1. Write your Roll No. on the question paper.
2. Candidates should ensure that they have been provided with the correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exam. No complaints(s) will be entertained thereafter.
3. The Question paper consists of TWO parts: Part-I and Part-II having 35 maximum marks for each. Use separate answer books for Part-I and Part II. Any mistake in this regard, will be responsibility of the examinee and No complaint(s) will be entertained after the examination.
4. Draw Diagram wherever required.

**PART-I**

- Q1. Describe the attachment, action and nerve supply of intrinsic muscles of the larynx. (9)
- Q2. Give the anatomical/ Embryological basis of any four of the following:- (4x5=20)
- a) Secretomotor supply to Lacrimal gland
  - b) Wrist drop
  - c) Bell's Palsy
  - d) During thyroidectomy the inferior thyroid artery is ligated away from the gland
  - e) Hare lip
- Q3. Write in brief about any three of the following:- (3x2=6)
- a) Development of tongue
  - b) Sensory nerve supply of face
  - c) Microscopic structure of the tonsil
  - d) Emissary veins

**PART-II**

- Q4. Describe the location, relations, nerve supply and applied anatomy of Parotid gland. (9)
- Q5. Attempt any four of the following. (4x5=20)
- a) Soft Palate
  - b) Floor of the fourth ventricle of Brain
  - c) Lymphatic drainage of Tongue
  - d) Ansa Cervicalis
  - e) Derivatives of Meckel's Cartilage
- Q6. Write short notes on any three of the following. (3x2=6)
- a) Klinefelter's syndrome
  - b) Spermatogenesis
  - c) Sternocleidomastoid muscle
  - d) Atlanto-axial joint

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**BDS -1<sup>st</sup> YEAR SUPPLEMENTRY EXAMINATIONS; SEP./OCT.-2017**  
(SUBJECT: BIOCHEMISTRY; PAPER CODE: 0210103)

TIME: 03 Hrs.

Max. Marks: 70

**Instructions:-**

1. Write your Roll No. on the question paper.
2. Candidate should ensure that they have been provided with the correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exam. No complaints(s) will be entertained thereafter.
3. The Question paper consists of TWO parts: Part-I and Part-II having 35 maximum marks for each. Use separate answer books for Part-I and Part II. Any mistake in this regard, will be responsibility of the examinee and No complaint(s) will be entertained after the examination.
4. Draw Diagram wherever required.

**PART-I****Long Essay:**

Q1. What are polysaccharides. Describe different types and their importance. (9)

**Short Notes on:**

Q2. Attempt any four of the following questions: (4x5=20)

- |  |                          |
|--|--------------------------|
| a) Active transport                    | d) Balanced diet         |
| b) Buffer and its significance in body | e) Essential amino acids |
| c) Lipoprotein                         |                          |

**Write briefly:**

Q3. Attempt any three of the following questions: (3x2=6)

- |             |             |
|-------------|-------------|
| a) Collagen | c) Jaundice |
| b) ATP      | d) GTT      |

**PART-II****Long Essay:**

Q4. Describe sources, functional deficiency and daily requirements of calcium in our body. (9)

**Short Essay:**

Q5. Attempt any four of the following questions: (4x5=20)

- |                                |                                  |
|--------------------------------|----------------------------------|
| a) Polyunsaturated fatty acids | d) Functions of Thyroid hormone  |
| b) Coenzymes                   | e) Role of Vitamin K in our body |
| c) Functions of albumin        |                                  |

**Write briefly:**

Q6. Attempt any three of the following questions: (3x2=6)

- |   |                             |
|---|-----------------------------|
| a) Genetic code                                     | c) Liver function tests     |
| b) Difference between transcription and translation | d) Denaturation of Proteins |

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**BDS -1<sup>st</sup> YEAR SUPPLEMENTRY EXAMINATIONS; SEP./OCT.-2017**  
**(SUBJECT: DENTAL ANATOMY, EMBROLOGY & ORAL HISTOLOGY;**  
**PAPER CODE: 0210104)**

TIME: 03 Hrs.

Max.Marks: 70

**Instructions:-**

1. Write your Roll No. on the question paper.
2. Candidate should ensure that they have been provided with the correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exam. No complaints(s) will be entertained thereafter.
3. The Question paper consists of TWO parts: Part-I and Part-II having 35 maximum marks for each. Use separate answer books for Part-I and Part II. Any mistake in this regard, will be responsibility of the examinee and No complaint(s) will be entertained after the examination.
4. Draw Diagram wherever required.

**PART-I****Long Essay**

**Q1.** Classify Dentin. Describe the process of DENTINOGENESIS in detail. (9)

**Short Essay:**

**Q2.** Attempt any four of the following questions: (4x5=20)

a) BELL stage	d) Composition of saliva
b) Cusp, ridge and Fossa	e) Theories of tooth eruption
c) Histology of TMJ	

**Briefly Answer:**

**Q3.** Attempt any three of the following questions: (3x2=6)

a) CEJ	c) Mucogingival junction
b) Enamel lamellae and enamel tufts	d) Oclcusal surface of Maxillary I Premolar

**PART-II****Long Essay:**

**Q4.** Classify Oral mucosa. Describe in detail the histology of GINGIVA. (9)

**Short Essay:**

**Q5.** Attempt any four of the following questions: (4x5=20)

a) Differences between primary & permanent dentition	d) Principal fibers of PDL
b) Odontoblast	e) Derivatives of Pharyngeal arches
c) Reciprocal induction	

**Brief answers:**

**Q6.** Attempt any three of the following questions: (3x2=6)

a) Tooth numbering system	c) Myoepithelial Cells
b) Dead tract	d) Tomes granular layer

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