

[LB 655]

AUGUST 2012

Sub. Code: 4170

**FIRST YEAR B.D.S. DEGREE EXAM
PAPER III – DENTAL ANATOMY, EMBRYOLOGY
AND ORAL HISTOLOGY**

Q.P.Code: 544170

Time: 180 Minutes**Maximum: 100 Marks**

Answer ALL questions in the same order

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

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|---|----|----|----|
| 1. Classify oral mucous membrane. Discuss in detail about specialized mucosa. | 19 | 30 | 20 |
| 2. Describe the differences between deciduous and permanent dentition. Describe the occlusal morphology of permanent right maxillary first molar. | 19 | 30 | 20 |

II. Write notes on:

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|---|---|----|---|
| 1. Calcium metabolism. | 3 | 10 | 5 |
| 2. Ground section. | 3 | 10 | 5 |
| 3. Development of palate. | 3 | 10 | 5 |
| 4. Functions of the periodontal ligament. | 3 | 10 | 5 |
| 5. Theories of eruption. | 3 | 10 | 5 |
| 6. Minor salivary glands. | 3 | 10 | 5 |
| 7. Enamel lamellae. | 3 | 10 | 5 |
| 8. Types of dentin. | 3 | 10 | 5 |
| 9. Pulp stones. | 3 | 10 | 5 |
| 10. Chronology of permanent teeth. | 3 | 10 | 5 |
| 11. Histology of cementum. | 3 | 10 | 5 |
| 12. Cap stage. | 3 | 10 | 5 |
