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(20514)

Roll No.

MDS-III

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TS Dental College Hospital & Research Centre
47, Knowledge Park-III, Greater Noida

5359

M.D.S. Examination, May 2014

ORAL PATHOLOGY

Paper-I

**Applied Anatomy, Physiology, Pathology &
Research Methodology**

(MDS-025)

Time : Three Hours]

[Maximum Marks : 75

Note: Attempt all questions. Draw diagrams
where necessary.

1. Discuss in detail development of Salivary glands, write about synthesis, storage & secretion of saliva, add a note on role of Blood supply for the same?

25

P.T.O.

2. Classify muscles of Mastication. Discuss mechanism of Mastication and chewing cycle, add a note on Techniques of recording Biting force?

25

3. Write in detail :

(a) Epithelial-Mesenchymal interactions during organogenesis, add a note on molecular events during odontogenesis?

12½

(b) Define degeneration, classify degeneration. Discuss in detail liquifactive degeneration and its associated pathologies?

12½

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M.D.S. Examination, May 2014

ORAL PATHOLOGY

Paper-II

Oral Pathology, Microbiology and Oncology

(MDS-026)

Time : Three Hours]

[Maximum Marks : 75

Note: Attempt all questions. Draw diagrams wherever necessary.

1. Classify odontogenic tumors, define ameloblastoma, discuss pathogenesis, clinical features, radiographic features & histopathology of ameloblastoma. Add a note on molecular aspects of odontogenic tumors pathogenesis.

20

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2. Discuss role of immunology in oral infections
with special reference to dental caries. 20

3. Discuss in brief : $5 \times 7 = 35$

(a) Field cancerization

(b) Rissers sign in forensic dentistry

(c) Biomarkers of epithelial maturation and
intraepithelial maturation

(d) Mucosal melanocytic nevus

(e) Micro satellite instability

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M.D.S. Examination, May 2014

ORAL PATHOLOGY

Paper-III

Laboratory Techniques & Diagnosis

(MDS-027)

Time : Three Hours]

[Maximum Marks : 75

Note: Attempt all questions. Draw diagrams where necessary.

1. Describe the investigations to diagnose Candida Albicans Infection. 25
2. Describe the procedure & application of exfoliative cytology. 25

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3. Answer briefly the following : $5 \times 5 = 25$

- (a) Tumor markers
- (b) Special stains & uses
- (c) Cytokines
- (d) Horning
- (e) Trichrome stain

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5362

M.D.S. Examination, May 2014

Oral Pathology & Microbiology

Paper-IV

Essay

(MDS-028)

Time : Three Hours]

[Maximum Marks : 75

Note: Write an essay on any **one**.

1. Dental caries.

OR

2. Malignant salivary gland neoplasms in the first decade.

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47, Kalyaneshwar, Kalyan, Maharashtra - 401 501