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47, Knowledge Park-III, Greater Noida

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(20910)

Roll No.

M.D.S. III Year

5359

M.D.S. Special Examination, 2010

ORAL PATHOLOGY & MICROBIOLOGY

Paper : I

Applied Anatomy, Physiology, Pathology,

Research Methodology

(MDS - 025)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt all questions.

1. Molecular basis of Cancer. 25
2. Development of face and add a note on developmental deformities affecting the palate. 25

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3. Discuss :

- | | |
|--------------------------------------|----|
| (a) Calcium and Phosphate Metabolism | 12 |
| (b) Cohort study | 13 |

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Roll No.

M.D.S. III Year

5360

M.D.S. Special Examination, 2010

ORAL PATHOLOGY & MICROBIOLOGY

Paper : II.

Oral Pathology Microbiology and Oncology

(MDS - 026)

Time : Three Hours]

[Maximum Marks : 75

Note : (i) Attempt all questions.

**(ii) Substantiate with diagrams and sketches
wherever necessary.**

1. Classify & Discuss Salivary gland Tumors, with

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special reference to histogenesis and histopathology.

25

2. Differential diagnosis of spindle cell Tumors. 25

3. Discuss :

(a) Oral Microflora and role in oppoornistic
infections. 5

(b) Hamartomatous odontogenic Tumors. 5

(c) Megaloblastic Anemias. 5

(d) Immunology of Oral Cancer. 5

(e) Etiopathogenesis of Dental Caries. 5

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M.D.S. Special Examination, 2010

ORAL PATHOLOGY & MICROBIOLOGY

Laboratory Techniques and Diagnosis

(MDS - 027)

Time : Three Hours]

[Maximum Marks : 75

Note : (i) Attempt all questions.

(ii) Draw diagrams wherever necessary.

1. Discuss the artefacts in routine soft tissue processing
and haematoxylin and eosin staining. 25
2. Discuss the laboratory diagnosis of bacterial
infections in detail. 25

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3. Discuss :

- | | |
|---|---|
| (a) Metachromatic stains | 5 |
| (b) Laboratory Diagnosis of Candidiasis | 5 |
| (c) Microtomy | 5 |
| (d) Indirect immunofluorescence technique | 5 |
| (e) Vital stains | 5 |

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Postgraduate Dental College Hospital & Research Centre
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Roll No.

M.D.S. III Year

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M.D.S. Special Examination, 2010

ORAL PATHOLOGY & MICROBIOLOGY

Paper : IV

Essay

(MDS - 028)

Time : Three Hours]

[Maximum Marks : 75

Note : Write an essay on any one.

1. Molecular Aspects of Carcinogenesis.

75

OR

Ghost Cell Lesions.

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3. Discuss :

- (a) Biocompatibility of materials used in dentistry. 5
- (b) Hypoglycemia 5
- (c) Hypertension 5
- (d) Muscles of Mastication 5
- (e) Biomaterials waste disposal 5

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