

## M.D.S. Examination

## Oral Pathology and Microbiology &amp; Forensic Odontology : Branch VI

## Paper-I

## (Applied Anatomy, Physiology, Pathology &amp; Research Methodology)

[Max. Marks : 75]

Date : 01-04-2019, Monday]

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates marks.  
(2) Write legibly and to the point.  
(3) Draw diagrams wherever necessary.

1. Describe the development of tongue. Add a note on the developmental anomalies of the tongue. 20 marks
  2. Discuss degeneration in detail. 20 marks
  3. Write notes on any five: (5x7= 35 marks)
    - a) Deglutition
    - b) Sampling techniques
    - c) Calcium Metabolism
    - d) Theories of pain
    - e) Difference between acinar & mucous cells of Salivary gland
    - f) Cell cycle check points
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M.D.S. Examination

Oral Pathology and Microbiology &amp; Forensic Odontology : Branch VI

Paper-I

(Applied Basic Sciences)

[Max. Marks : 100]

Date : 16-04-2019, Tuesday]

Time : 3 Hours]

- Instructions :
- (1) Figure to the right indicates marks.
  - (2) Write legibly and to the point.
  - (3) Draw diagrams wherever necessary.
  - (4) Each question carries 10 marks.

- 1) Describe Blood and Nerve supply of head & neck in detail. (10)
  - 2) Discuss Amelogenesis with detailed clinical significance. (10)
  - 3) Discuss Antibiotic prophylaxis in detail. (10)
  - 4) Discuss Sterilisation in detail. (10)
  - 5) Describe Kreb's cycle (10)
  - 6) Discuss Chi Square test (10)
  - 7) Describe pain and describe Gate control theory of pain. (10)
  - 8) Discuss repair and regeneration with special emphasis. (10)
  - 9) Describe Apoptosis and necrosis. (10)
  - 10) Describe histology of pulp. (10)
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Candidate's Seat No : \_\_\_\_\_

M.D.S. Examination

Oral Pathology and Microbiology & Forensic Odontology : Branch VI

Paper II

(Oral Pathology, Microbiology and Oncology)

[Max. Marks : 75

Date : 03-04-2019, Wednesday]

Time : 3 Hours]

- Instructions :
- (1) Figure to the right indicates marks.
  - (2) Write legibly and to the point.
  - (3) Draw diagrams wherever necessary.

1. Discuss lymphoepithelial lesions of Salivary gland. 20 marks

2. Discuss Psychomatic disease manifestations affecting the oral cavity 20 marks

3. Write notes on any five:

(5x7= 35 marks)

a) Candidiasis

b) Osteoblastoma

c) Immunology of Dental Caries

d) Epidermolysis bullosa

e) Hyperparathyroidism

f) Malignant melanoma

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## Paper III

## (Laboratory Techniques &amp; Diagnosis)

[Max. Marks : 75]

Date : 05-04-2019, Friday]

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates marks.  
(2) Write legibly and to the point.  
(3) Draw diagrams wherever necessary.

1. Describe fluorescent microscope and applications of the same. 20 marks
  2. Discuss biopsy techniques used in diagnosis of oral pathologies. 20 marks
  3. Write notes on any five: (5x7= 35 marks)
    - a) Artifacts in H&E staining
    - b) Decalcification
    - c) AGNORS and its uses
    - d) Museum techniques
    - e) Laboratory diagnosis of candidiasis
    - f) Frozen sections
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Paper IV

Essay (Modern Trends & recent Advances)

[Max. Marks : 75

Date : 09-04-2019, Tuesday]

Time : 3 Hours]

- Instructions :
- (1) Figure to the right indicates marks.
  - (2) Write legibly and to the point.
  - (3) Draw diagrams wherever necessary.

1. Hamartomatous lesions of the oral cavity . 75 marks

OR

2. Vesiculo bullous lesions of the Oral cavity. 75 marks

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