

APRIL 1995

[SB 277

M.D.S DEGREE EXAMINATION

(New Regulation)

Part II

Branch IV — Oral Pathology

**Paper III — LABORATORY AND HISTOPATHOLOGICAL
TECHNIQUES**

Time Three hours **Maximum** 100 marks

Answer ALL questions

1. Laboratory techniques in genetics and their application in oral disease. (25)
2. Discuss the theory and use of automated hematology cell counters. (25)

Write short notes on (5×10=50)

- (a) PAS staining
 - (b) L.E. cell test
 - (c) Laboratory findings in Multiple Myeloma
 - (d) Toluidine blue vital staining
 - (e) Gustafsons index.
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PK 246

OCTOBER 1996

M.D.S. DEGREE EXAMINATION.

(New Regulation)

Part II

Branch IV -- Oral Pathology

Paper III -- LABORATORY AND HISTOPATHOLOGICAL TECHNIQUES

Time : Three hours

Maximum 100 marks

Answer ALL questions

1. Discuss the procedure and use of Papanicolaou staining technique. (25)
2. Discuss the methods of decalcification of teeth for histologic studies. (25)
3. Write short notes on: (5x10=50)
 - (a) Methods and precautions in sharpening microtome knife
 - (b) Infiltration and embedding techniques
 - (c) Laboratory diagnosis of AIDS
 - (d) Scanning electron microscopy
 - (e) Histopathology of Lichen Planus

APRIL 1998

SV 237

M.D.S. DEGREE EXAMINATION

(Revised Regulations)

Branch IV - Oral Pathology

Part II

Paper III - LABORATORY AND HISTOPATHOLOGICAL
TECHNIQUES

Time: Three hours

Max.marks:100

Answer All Questions

1. Immunocytochemistry techniques and their utility in oral disease - Discuss. (25)
 2. Discuss the paraffin embedding technique and the common errors and their effect on this technique. (25)
 3. Write briefly on: (5x10=50)
 - (a) Tzanck test
 - (b) Papanicolaou staining technique
 - (c) Parlodian- embedding technique
 - (d) Scanning Electron Microscopy
 - (e) Coulter Counter.
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OCTOBER 1999

[KA 366]

M.D.S. DEGREE EXAMINATION

Branch IV — Oral Pathology

Part II

Paper III — LABORATORY AND
HISTOPATHOLOGICAL TECHNIQUES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the various tissue fixatives, their merits and demerits. (25)
 2. Discuss in detail Frozen sections and their advantages and limitations in the diagnosis of oral lesions. (25)
 3. Write briefly on :
 - (a) Darkfield microscopy
 - (b) Toluidine blue
 - (c) TZANCK Test
 - (d) Laboratory Diagnosis of Viral Lesions
 - (e) Applications of DNA Probe. (5 × 10 = 50)
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APRIL 2000

[KB 366]

M.D.S. DEGREE EXAMINATION.

Branch IV — Oral Pathology

Part II

Paper III — LABORATORY AND HISTO-
PATHOLOGICAL TECHNIQUES

Time : Three hours

Maximum : 100 marks

1. Discuss the causes and prevention of Artifacts in processing of oral Biopsies. (25)
 2. Discuss the salivary secretion as the diagnostic tool in oral lesions. (25)
 3. Discuss Flourescence Microscopy and its applications. (25)
 4. Comment on : (25)
 - (a) Decalcified sections of tooth.
 - (b) Haematoxylin and Eosin stains.
 - (c) Microtomes.
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OCTOBER 2000

[KC 366]

M.D.S. DEGREE EXAMINATION

Part II

Branch IV — Oral Pathology

Paper III — LABORATORY AND
HISTOPATHOLOGICAL TECHNIQUES

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Discuss the methods of diagnosing mycotic infections of oral cavity. (25)
 2. Discuss on Regressive and Progressive Staining. (25)
 3. Write briefly on : (50)
 - (a) Dark field microscopy.
 - (b) Frozen sections.
 - (c) Fixatives and artifacts
 - (d) Exfoliative cytology
 - (e) Honing
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