

Serial No. 5091

Roll No. _____

MDS – FINAL YEAR EXAMINATION, JUNE/JULY 2016

Course: Oral Pathology and Microbiology & Forensic Odontology

(Sub: Applied Anatomy, Physiology, Pathology and Research Microbiology)

Paper Code: 02090101

Time: 03 Hours

Max. Marks: 75

Instructions:

1. Write Roll No. on the Question Paper.
2. Before answering the question paper, candidates should ensure that question paper provided to them is correct. Complaints in this regards, if any, should be made to the Invigilator/Centre Supdt., in the Examination Hall within 15 minutes of the commencement of the examinations. No complaint in this regard will be entertained thereafter.
3. Attempt all questions. Parts of a question should be attempted in sequential order. Marks are indicated against each.
4. Draw the diagram wherever required.

1. Give a brief account of the sources, requirement, functions & metabolism of calcium and its deficiency manifestations. (20)
2. Write briefly on the composition and function of saliva. Discuss in details the physiology of its secretion. (20)
3. Write notes on :- (5x7=35)
 - (a) Research Protocol.
 - (b) Development of palate and its clinical considerations.
 - (c) Mechanism of thrombus formation.
 - (d) Human Immunodeficiency Virus Infection – Past, Present & Future
 - (e) Histology of Bone

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MDS – FINAL YEAR EXAMINATION, JUNE/JULY 2016

Course: Oral Pathology and Microbiology & Forensic Odontology

[Sub: Oral Pathology, Microbiology and Oncology; Paper Code: 02090102]

Time: 03 Hours

Max. Marks: 75

Instructions:

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4. Draw the diagram wherever required.

1. Classify salivary gland tumours. Discuss the clinical and histopathological features and current concepts of mucoepidermoid carcinoma. (20)
2. Discuss aggressive cysts of the jaw. (20)
3. Write short notes on :- (5x7=35)
 - (a) Development disturbances affecting dentin.
 - (b) Opportunistic infections affecting HIV patients.
 - (c) Ghost cell lesions.
 - (d) Oncogenes.
 - (e) Genetic determination in forensic Odontology.

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MDS – FINAL YEAR EXAMINATION, JUNE/JULY 2016

Course: Oral Pathology and Microbiology & Forensic Odontology

[Sub: Laboratory Techniques and Diagnosis; Paper Code: 02090103]

Time: 03 Hours

Max. Marks: 75

Instructions:

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3. Attempt all questions. Parts of a question should be attempted in sequential order. Marks are indicated against each.
4. Draw the diagram wherever required.

Long Answer of the following questions [Q.1 & Q.2]

1. Discuss causes and remedies for artifacts in H&E stained sections. (20)
2. Discuss various Lab procedures in diagnosis of vesiculobullous lesions. (20)
3. Write short notes on :- (5x7=35)
 - (a) Flow cytometry
 - (b) Phase contrast microscopy
 - (c) Frozen sections
 - (d) Blood as a Diagnostic tool
 - (e) Metachromasia

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MDS – FINAL YEAR EXAMINATION, JUNE/JULY 2016

Course: Oral Pathology and Microbiology & Forensic Odontology

[Sub: Essay; Paper Code: 02090104]

Time: 03 Hours

Max. Marks: 75

Instructions:

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3. Attempt all questions. Parts of a question should be attempted in sequential order. Marks are indicated against each.
4. Draw the diagram wherever required.

Write essay on any one

(75)

1. Recent concept on pre – malignancy.

OR

Diseases of tongue.