

MASTGAD : APRIL/MAY 2011  
SUBJECT : APPLIED BASIC SCIENCES  
PAPER - I  
(2008 course)

Day : Friday  
Date : 13-05-2011

Time : 9:00 A.M. To 12:00 Noon  
Max. Marks : 75

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Start each answer on a new page.
- 3) Draw neat, labeled diagrams to illustrate your answer.

**Long Essay Questions (2 x 20 = 40 Marks)**

- Q.1 Define inflammation. Mention the cardinal signs of inflammation and describe in detail any two bacterial infections involving the oral cavity.
- Q.2 Enumerate the nerves associated with motor supply to oral and maxillo-facial region. Describe the motor nerve supply of tongue.

**Short Essay Questions (5 x 7 = 35 Marks)**

- Q.3 Describe topical drugs used in oral cavity.
- Q.4 Explain the pathogenesis of autoimmune diseases. Name the laboratory methods that assist in their diagnosis.
- Q.5 Describe with a schematic diagram, the clotting mechanism of blood. Name the investigative procedures in the diagnosis of hemorrhagic disorders.
- Q.6 Define balanced diet and briefly describe the clinical assessment of nutritional status of an individual.
- Q.7 Describe the role of ethics in clinical trials.

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**MASTGAD : APRIL/MAY 2011**  
**SUBJECT : ORAL AND MAXILLOFACIAL IMAGEOLOGY**  
**PAPER - II**

Day : Monday (2008 Course)  
Date : 16-05-2011

Time : 9:00 A.M. To 12:00 Noon.  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Start each answer on a new page.
- 3) Draw neat, labeled diagrams to illustrate your answer.

**Long Essay Questions (2 x 20 = 40 Marks)**

- Q.1 Discuss the fibro-osseous lesions occurring in the jaws.
- Q.2 Describe radiographic techniques used for traumatic injuries to the mandible.

**Short Essay Questions (5 x 7 = 35 Marks)**

- Q.3 Globulomaxillary cyst.
- Q.4 Imaging of salivary glands.
- Q.5 Object localization techniques in conventional radiography.
- Q.6 Discuss briefly the factors resulting in faulty radiographs.
- Q.7 Discuss differential diagnosis of multilocular radiolucencies occurring at the angle of mandible.

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**MASTGAD : APRIL/MAY 2011**  
**SUBJECT : ORAL MEDICINE, THERAPEUTICS & LABORATORY**  
**INVESTIGATIONS**  
**PAPER - III**

Day : *Wednesday* (2008 course)  
Date : *18-05-2011*

Time : *9.00 A.M. To 12.00 Noon*  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Start each answer on a new page.
- 3) Draw neat, labeled diagrams to illustrate your answer.

**Long Essay Questions (2 x 20 = 40 Marks)**

- Q.1 Discuss the differential diagnosis of lymphadenopathy in the orofacial region.
- Q.2 Discuss the recent concepts in classification and diagnosis of oral premalignant lesions and conditions.

**Short Essay Questions (5 x 7 = 35 Marks)**

- Q.3 Oral soft tissue reactive hyperplasia.
- Q.4 Vital staining.
- Q.5 Myofascial pain dysfunction syndrome.
- Q.6 What are the different hematological investigations done commonly in dental patients?
- Q.7 Oral manifestations and management in diabetic patient..

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MASTGAD : APRIL/MAY 2011  
SUBJECT : ESSAY (2008 Course)  
PAPER - IV

Day : Friday  
Date : 20.5.2011

Time : 9.00 A.M. To 12.00 Noon,  
Max. Marks : 75

N.B.

- 1) Write an essay on **ONE** of the following..
- 2) Draw neat, labeled diagrams to illustrate your answer.

Q.1 Viral lesions of the orofacial region.

OR

Q.1 Radiation protection.

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