

March 2009

[KU 407]

Sub. Code: 2433

M.D.S. DEGREE EXAMINATION

Branch VII – PUBLIC HEALTH DENTISTRY

(Revised Regulations)

(Common to all candidates)

Paper I – APPLIED BASIC SCIENCES

Q.P. Code : 242433

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions :

(2 x 20 = 40)

1. Describe the gross anatomy of tongue and discuss in detail the blood supply, nerve supply, lymphatic supply to tongue. Add a note on muscles of tongue with the embryological development of tongue.
2. Discuss in detail the endocrinal system of human body. Why is pituitary gland called as ring – master? Add a note on role of parathyroid gland on oral structures and oral health.

II. Write short notes on :

(6 x 10 = 60)

1. Putative periodontal pathogens.
2. Compliment cascade.
3. Cardio pulmonary resuscitation.
4. Infection control in dental office and out reach dental programmes.
5. Antigen – Antibody reactions.
6. Factors influencing shedding and eruption of primary teeth.

March 2010

[KW 407]

Sub. Code: 2425

M.D.S. DEGREE EXAMINATION

Branch VII – PUBLIC HEALTH DENTISTRY

(Revised Regulations)

(Common to all candidates)

Paper I – APPLIED BASIC SCIENCES

Q.P. Code : 242425

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions :

(2 x 20 = 40)

1. Saliva – A diagnostic tools in dental diseases.
2. Describe the types, properties, pathways and mechanism of pain.

II. Write short notes on :

(6 x 10 = 60)

1. Emergency drugs in dental practice.
2. Diabetes mellitus.
3. AIDS.
4. Mechanism of clotting.
5. IgG
6. Mandibular nerve.

April 2012

[LA 407]

Sub. Code: 2425

M.D.S. DEGREE EXAMINATION

BRANCH VII – PUBLIC HEALTH DENTISTRY

PAPER I – APPLIED BASIC SCIENCES

Q.P. Code : 242425

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Describe briefly the development of face.	7	18	10
2. Describe the origin, insertion, blood supply and nerve supply of muscles of mastication.	7	18	10
3. Describe the development and nerve supply of tongue.	7	18	10
4. Discuss the importance of paranasal air sinuses.	7	18	10
5. Discuss the etiology and management of cleft lip and cleft palate.	7	18	10
6. Describe the innervations of pulp and management of pulpal pain.	7	18	10
7. Describe the theories of eruption of teeth.	7	18	10
8. Describe the role of saliva in oral health.	7	18	10
9. Describe the microbial flora of oral cavity.	7	18	10
10. Discuss the different types of sterilization of dental instruments.	7	18	10

[LC 407]

APRIL 2013

Sub. Code: 2425

M.D.S. DEGREE EXAMINATION
BRANCH VII – PUBLIC HEALTH DENTISTRY
PAPER I – APPLIED BASIC SCIENCES
Q.P. Code : 242425

Time : 3 hours

Maximum : 100 marks

(10x10=100)

1. Articular disc in etiology of malocclusion.
2. Oral mucous membrane in health and disease.
3. Describe pain pathway and mechanism of action.
4. Describe the stages of shock.
5. Role of vitamins in oral health.
6. Metastasis and early detection.
7. Hypersensitivity reactions.
8. Sex chromosomes and its anomalies.
9. HIV and oral manifestations.
10. Addiction and dental diseases.
