

**BACHELOR OF DENTAL SURGERY (2008 COURSE) FINAL B.D.S. Sem-I:**  
**WINTER- 2019**  
**SUBJECT: PUBLIC HEALTH DENTISTRY (T WR)**

Tuesday 03-12-2019  
09:00 AM-12:00 PM

W-8985-2019  
Max. Marks: 70

**N.B. :**

- 1) All questions are **COMPULSORY**.
- 2) Both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.
- 4) Draw neat labelled diagrams **WHEREVER** necessary.

**SECTION - I**

**Q.1** Long Essay Questions (**ANY ONE**) : (10)  
Define Dental Public Health. Write differences between Private Dentist and Public Health Dentist.

**OR**

Define Epidemiology. Classify Epidemiological Studies and write differences between Case Control and Cohort Study.

**Q.2** Short Essay Questions (**ANY THREE**) : (15)  
a) Steps in application of Pit and Fissure sealants.  
b) Functions of Dental Council of India.  
c) Oral Hygiene Index Simplified.  
d) Water Defluoridation.

**Q.3** Write short answers (**ANY FIVE**) : (10)  
a) World Health Organization's modifications of DMFT index  
b) Types of Dental floss  
c) Mean, Median and Mode  
d) Types of Sampling  
e) Approaches in Health Education  
f) Duties of Dental Nurse

**SECTION - II**

**Q.4** Long Essay Questions (**ANY ONE**) : (10)  
Levels of prevention in detail.

**OR**

Methods of Group Health Education in detail.

**Q.5** Short Essay Questions (**ANY THREE**) : (15)  
a) Steps in Analytical Epidemiology.  
b) Procedural steps in Dental Public Health.  
c) Community Periodontal Index of Treatment Needs in detail.  
d) Pathfinder survey in detail.

**Q.6** Write short answers (**ANY FIVE**) : (10)  
a) Precancerous condition  
b) Case Control Study  
c) Evaluation  
d) Dentist  
e) Dental Fluorosis  
f) Health

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**BACHELOR OF DENTAL SURGERY (2008 COURSE) FINAL B.D.S. Sem-I:  
WINTER- 2019**

**SUBJECT: ORAL MEDICINE & RADIOLOGY**

Monday 09-12-2019  
09:00 AM-12:00 PM

W-8988-2019  
Max. Marks: 70

**N.B.:**

- 1) Write Section-I and Section-II on **SEPARATE** answer books.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram wherever necessary.
- 4) Start each answer on a new page.

**SECTION-I**

**Q.1 Long answer questions (Any One) (10)**

- a) Classify diseases affecting the Temporomandibular Joint. Discuss in detail the etiopathogenesis, clinical features and management of a patient with Myofascial Pain Dysfunction Syndrome (MPDS).

**OR**

- b) Classify the vesiculo-bullous ulcerative lesions affecting the oral mucosa. Discuss in detail the etiopathogenesis, clinical features and management of Acute Necrotizing Ulcerative Gingivitis (ANUG). (15)

**Q.2 Answer in brief (Any Three) (15)**

- a) Examination of Lymph nodes. Add a note on lymphadenopathy.
- b) Write in brief about oral manifestations of Syphilis.
- c) Write in brief about etiology and management of Xerostomia.
- d) Bite marks in Forensic Odontology. (10)

**Q.3 Short answer questions(Any Five) (10)**

- a) Define macule and Papule.
- b) Enlist types of Recurrent Aphthous Stomatitis.
- c) Name any two drugs used in the management of Trigeminal Neuralgia.
- d) Enlist any two causes of endogenous pigmentation.
- e) Name any four developmental anomalies affecting Structure of tooth.
- f) List any four causes of gingival enlargement.

**SECTION-II**

**Q.4 Long answer questions (Any One) (10)**

- a) With help of a neat labeled diagram explain the construction and working of a dental x-ray machine.

**OR**

- b) Classify Fibro-osseous lesions. Describe the clinical and radiographic features of Fibrous dysplasia. Add a note on the radiographic differential diagnosis of Fibrous dysplasia. (15)

**Q.5 Answer in brief (Any Three) (15)**

- a) Enlist the various contents of a fixing solution for processing x-ray film. Add a note on function of each constituent.
- b) What is Osteoradionecrosis? Add a note on its management.
- c) Describe the radiographic features of periapical cyst.
- d) Filtration. (10)

**Q.6 Short answer questions(Any Five) (10)**

- a) Where do you see 'hair on end' appearance on the radiograph?
  - b) List any two indications of Trans Cranial view of the TMJ.
  - c) List any two indications of bite wing radiographs.
  - d) List any four radio-luscent landmarks seen on mandibular intra oral periapical radiograph.
  - e) Define position and distance rule.
  - f) Describe the principle of bisecting the angle technique for making intra oral periapical radiograph.
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**BACHELOR OF DENTAL SURGERY (2008 COURSE) FINAL B.D.S. Sem-I:**  
**WINTER- 2019**  
**SUBJECT: PERIODONTOLOGY (T WR)**

Thursday 05-12-2019  
09:00 AM-12:00 PM

W-8986-2019  
Max. Marks: 70

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagrams wherever necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answerbooks.

**SECTION - I**

- Q.1** Answer the following (Essay Type) (Any one) (10)  
a) What is dental plaque? Discuss its role in initiation and progression of periodontal disease.  
b) Define and classify cementum and describe its structure, composition and clinical significance.
- Q.2** Short essay question (Any three) (15)  
a) Gingival crevicular fluid  
b) Alveolar bone  
c) Principal fibers of periodontal ligament  
d) Use of radiographs in diagnosis of periodontal disease
- Q.3** Write short notes on (Any five) (10)  
a) Define and classify furcation involvement.  
b) Write difference between periodontal and periapical abscess.  
c) Write difference between suprabony and infrabony pockets.  
d) Composition of calculus.  
e) Zones of oral mucosa.  
f) Enumerate the oral manifestations of AIDs.

**SECTION - II**

- Q.4** Answer the following (Essay Type) (Any one) (10)  
a) Classify gingival recession. Describe treatment of gingival recession by free gingival soft tissue graft.  
b) Define flap surgery. Give its classification, indications, contraindications and describe in detail modified Widman's flap surgery.
- Q.5** Short essay question (Any three) (15)  
a) Autogenous Bone graft  
b) Periodontal abscess  
c) Interdental cleansing aids  
d) Maintenance phase
- Q.6** Write short notes on (Any five) (10)  
a) Classification of Tooth Mobility  
b) Define curettage and classify curettage  
c) Causes of bleeding gums  
d) Enumerate bony defects  
e) Healing after gingivectomy  
f) Oral signs and symptoms of diabetes mellitus
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**BACHELOR OF DENTAL SURGERY (2008 COURSE) FINAL B.D.S. Sem-I:  
WINTER- 2019**

**SUBJECT: ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS (T WR)**

Saturday 07-12-2019  
09:00 AM-12:00 PM

W-8987-2019  
Max. Marks: 70

**N.B. :**

- 1) All questions are **COMPULSORY**.
- 2) Both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.
- 4) Draw neat labelled diagrams **WHEREVER** necessary.

**SECTION - I**

**Q.1 Long Essay Questions (ANY ONE) : (10)**

- a) Discuss self correcting malocclusions in developing dentition.
- b) Enumerate theories of growth. Discuss prenatal and postnatal growth of nasomaxillary complex.

**Q.2 Short Essay Questions (ANY THREE) : (15)**

- a) Cone beam computed tomography.
- b) Explain Angle's classification of malocclusion. Write limitations of Angle's classification.
- c) Buccinator mechanism.
- d) Classify habits. Write dental and skeletal effects of thumbsucking habit.

**Q.3 Write short answers (ANY FIVE) : (10)**

- a) Differentiate between anthropometry and craniometry.
- b) Etiology of ectopic eruption of maxillary first molar.
- c) What is reinforced anchorage? Give examples.
- d) Differentiate between growth site and growth center. Give examples.
- e) What is orbital law of canine?
- f) What is cephalocaudal gradient of growth?

**SECTION - II**

**Q.4 Long Essay Questions (ANY ONE) : (10)**

- a) Classify etiology of malocclusion. Describe any one classification in detail.
- b) An 8 year old girl reports to clinic with a concave profile and anterior crossbite. Give the differential diagnosis and treatment plan for same.

**Q.5 Short Essay Questions (ANY THREE) : (15)**

- a) Rapid maxillary expansion.
- b) Frontal and undermining resorption.
- c) Niti wires.
- d) Explain theorems of retention.

**Q.6 Write short answers (ANY FIVE) : (10)**

- a) What is Optimum orthodontic force?
- b) Define center of resistance and center of rotation of tooth.
- c) Enumerate methods of gaining space.
- d) Dunlops beta hypothesis.
- e) Differentiate between intermittent and interrupted forces.
- f) Composition of stainless steel.

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