

FINAL B.D.S. SEM.-I (2008 COURSE) : SUMMER 2020

SUBJECT: ORAL MEDICINE AND RADIOLOGY

Day : *Thursday*  
Date : *29/10/2020*

*S-2020-8988*

Time : *09:00 am to 12:00 pm*  
Max. Marks: 70

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 4) Answer to both the sections should be written in **SEPARATE** answer book.

SECTION – I

- Q.1** Long Essay Questions (**Any One**) (10)
- a) What are the indications of object localization techniques? Enlist various object localization techniques and write in detail about any one method of object localization technique.
  - b) Write in detail about Radiation protection measures for the patient and operator.
- Q.2** Short Essay Questions (**Any Three**) (15)
- a) Enumerate the contents of developer and fixer solution with function of each constituent.
  - b) What is Radiation mucositis? Add a note on its management.
  - c) Write in brief about Grids.
  - d) Describe the Radiographic features of Osteoarthritis.
- Q.3** Short Answer Questions (**Any Five**) (10)
- a) Enlist four applications of ultrasonography in Maxillo facial region.
  - b) What is coin test?
  - c) List two well-defined periapical radiolucencies.
  - d) Enlist two radiopaque anatomical landmarks in the Mandibular Intra Oral Radiography.
  - e) 'Soap-bubble' appearance on the radiograph is seen in which condition?
  - f) List any two indications of Mandibular True Occlusal Radiograph.

SECTION – II

- Q.4** Long Essay Questions (**Any One**) (10)
- a) Define Cyst. Classify cysts affecting the jaws. Describe in detail the clinical features and radiographic features of Radicular cyst.
  - b) Define Pain. Classify Orofacial Pain. Describe in detail the Clinical Features and management of Trigeminal Neuralgia.
- Q.5** Short Essay Questions (**Any Three**) (15)
- a) Discuss the Investigations and Management of Sjogren's syndrome.
  - b) Describe the oral manifestations of congenital syphilis.
  - c) Define Leukoplakia. Describe management of homogenous Leukoplakia.
  - d) Describe Etiopathogenesis and Clinical Features of ANUG.
- Q.6** Short Answer Questions (**Any Five**) (10)
- a) Enumerate any two oral manifestations of Thalassemia.
  - b) Where do you see Positive Nikolsky's Sign and Auspitz's Sign?
  - c) Enumerate two oral manifestations of Scurvy.
  - d) Enlist two developmental anomalies affecting shape of tooth.
  - e) Enumerate two Clinical Manifestations of Addison's disease.
  - f) Name two benign tumors affecting the jaws.

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**FINAL B.D.S. SEM - I (2008 COURSE) : SUMMER 2020**  
**SUBJECT : OTHODONTICS & DENTOFACIAL ORTHOPEDICS**

Day : Tuesday

Date : 27-10-2020 S-2020-8987

Time : 9:00 A.M. TO 12:00 NOON

Max. Marks : 70

**N.B. :**

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

**SECTION - I**

- Q.1** Long Essay Questions (**ANY ONE**) (10)
- a) Define growth and development. Discuss methods to study growth in detail.
  - b) Classify habits. Write in detail the etiology, clinical features and management of thumb sucking habit in growing child.
- Q.2** Short Essay Questions (**ANY THREE**) (15)
- a) Stages of Deglutition
  - b) Andrews six keys of Normal Occlusion
  - c) Short note on Synchronosis
  - d) Explain envelope of discrepancy
  - e) What is Incisor liability and how is it corrected?
- Q.3** Write short answer (**ANY FIVE**) (10)
- a) Shortcomings of Angles Classification of malocclusion.
  - b) What is Absolute anchorage?
  - c) Write four differences between frontal and undermining resorption.
  - d) What is optimum orthodontic force?
  - e) What is Reinforced Anchorage, give two examples?
  - f) Advantages of orthopantomogram (OPG).
  - g) Explain etiology of class II division 2 malocclusion.

**SECTION - II**

- Q.4** Long Essay Questions (**ANY ONE**) (10)
- a) An 7 year old girl reported to clinic with concave profile, SNA of 78 and SNB of 80. Write probable etiology, Diagnosis and Treatment plan for the patient.
  - b) Enumerate theories of orthodontic tooth movement. Write about Pressure Tension theory in detail.
- Q.5** Short Essay Questions (**ANY THREE**) (15)
- a) Explain Piezo electricity and reverse piezoelectricity.
  - b) Differences between Edgewise and Pre adjusted Edgewise appliance.
  - c) Write classification of Myofunctional appliance.
  - d) Enumerate various methods of gaining space. Write note on Pendulum appliance.
  - e) Note on use of Hand Wrist radiograph in orthodontics.
- Q.6** Write short answer (**ANY FIVE**) (10)
- a) Enumerate drugs that interfere with Orthodontic tooth movement
  - b) Enumerate four retentive clasps used in Removable appliances
  - c) What is Dunlops beta hypothesis?
  - d) Enumerate ideal properties of an Orthodontic archwire?
  - e) Enumerate various primary and secondary messengers involved in orthodontic tooth movement.
  - f) Write indications of Serial Extraction?
  - g) Explain Active stabilization.

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**BACHELOR OF DENTAL SURGERY (2008 COURSE) FINAL B.D.S. Sem-I :  
SUMMER - 2020**

**SUBJECT: PERIODONTOLOGY**

**Day :** Saturday

**Time:**9:00:00 AM TO 12:00 PM

**Date :** 24/10/2020

**S-2020-8986**

**Max. Marks :**70

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Draw well labeled diagrams **WHEREVER** necessary.
- 3) Figures to the right indicate **FULL** marks.
- 4) Answers to both the sections should be written in **SEPARATE** answer book.

**SECTION-I**

**Q.1** Describe the alveolar bone in health and periodontal disease? **(10)**  
**OR**

Classify gingival enlargement describe in detail. Drug induced gingival Enlargement with clinical, histological features and management?

**Q.2** Write short Essays. (Any **THREE**) **(15)**

- a) Halitosis
- b) Calculus formation and difference between supra and sub gingival calculus?
- c) Dentifrices
- d) Desquamative gingivitis

**Q.3** Answer the following: (Any **FIVE**) **(10)**

- a) Define plaque?
- b) Enumerate and define wasting diseases of teeth.
- c) Signs and symptoms of ANUG.
- d) Composition of cementum.
- e) Function of PDL.
- f) Classification of recession.

**SECTION-II**

**Q.4** Define osseous surgery. Describe in detail steps in osseous resective surgery. **(10)**  
**OR**

Define gingivectomy give its indication and contraindication and describe gingivectomy surgical procedure in detail.

**Q.5** Write short Essays. (Any **THREE**) **(15)**

- a) Phase-I periodontal therapy
- b) Free gingival graft
- c) Management of grade-I and grade-II furcation
- d) Advanced diagnostic aids

**Q.6** Answer the following: (Any **FIVE**) **(10)**

- a) Enumerate causes of mobility.
- b) Give ADA specification of tooth brush.
- c) Give classification of periodontal pockets.
- d) Write difference between primary and secondary trauma from occlusion.
- e) Classify periodontal flap.
- f) Enumerate procedures for root coverage.

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**BACHELOR OF DENTAL SURGERY (2008 COURSE) FINAL B.D.S. Sem-I :  
SUMMER - 2020**

**SUBJECT: PUBLIC HEALTH DENTISTRY**

**Day :** Thursday

**Time:**9:00:00 AM TO 12:00 PM

**Date :** 22/10/2020

**S-2020-8985**

**Max. Marks :70**

N. B.

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

**SECTION - I**

- Q.1** Long Essay Questions (**Any ONE**) (10)
- a) Define public health dentistry. Scope, objectives and functions of public health dentistry.
  - b) What is data? Various methods of data collection.
- Q.2** Short Essay Questions (**Any THREE**) (15)
- a) D.C.I.
  - b) Case control study
  - c) Principles of ethics
  - d) Measures of dispersion
- Q.3** Define (**Any FIVE**) (10)
- a) Primary level of prevention
  - b) Diet
  - c) Nutrition
  - d) Placebo
  - e) Incidence
  - f) Survey

**SECTION-II**

- Q.4** Long Essay Questions (**Any ONE**) (10)
- a) Define index. Classification types of Indices. Requisites on index.
  - b) What is sampling. Methods of sampling.
- Q.5** Short Essay Questions (**Any THREE**) (15)
- a) IDA
  - b) Dental Jurisprudence
  - c) Cohort study
  - d) Variables
- Q.6** Define (**Any FIVE**) (10)
- a) Secondary level of prevention
  - b) Dental mechanic
  - c) Planning
  - d) Descriptive epidemiology
  - e) Prevalence
  - f) Bias

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