

**KAVERI-IV (2008 COURSE): SUMMER 2016**  
**SUBJECT: ORAL MEDICINE AND RADIOLOGY**

Day : **Monday**  
Date : **16-05-2016**

Time : **1:00 P.M. TO 4:00 P.M.**  
Max. Marks : 70.

**N.B.:**

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

**SECTION-I**

- Q.1** Answer the following (Any **One**) (10)
- a) Classify ulcerative and vesiculobullous lesions of oral mucosa. Describe in detail etiology, clinical features, differential diagnosis and management of pemphigus.
  - b) Describe clinical features, TNM classification, radiographic features and treatment modalities of oral cancer.
- Q.2** Write short notes on (Any **Three**) (15)
- a) Herpes simplex infection
  - b) Biopsy
  - c) Effect of radiation on teeth and mucosa
  - d) Endogenous pigmentation.
- Q.3** Answer in short (Any **Five**) (10)
- a) List clinical features of MPDS
  - b) List causes of bleeding gums
  - c) Indications of bitewing radiographs
  - d) Name the disorders of white blood cells
  - e) Name the types of candidiasis
  - f) Treatment for leukoplakia.

**SECTION-II**

- Q.4** Answer the following (Any **One**) (10)
- a) Describe various radiopaque and radiolucent landmarks seen in intraoral periapical radiographs made for jaws.
  - b) Describe osteomyelitis in detail.
- Q.5** Write short notes on (Any **Three**) (15)
- a) Fibrous Dysplasia
  - b) Composition of x-ray film and packet
  - c) Filtration
  - d) Occlusal radiography.
- Q.6** Answer in short (Any **Five**) (10)
- a) List the clinical and radiographic features of Cushing's syndrome
  - b) Developmental anomalies of tongue
  - c) Cervical Burnout
  - d) Name the odontogenic tumours
  - e) Give the indications of MRI and limitations
  - f) List the causes of dark radiograph.

**KAVERI-IV (2008 COURSE) : SUMMER 2016**  
**SUBJECT : ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS**

Day : **Thursday**  
Date : **12-05-2016**

Time : **1:00 P.M. TO 4:00 P.M.**  
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 labeled diagrams **WHEREVER** necessary.

**SECTION-I**

**Q.1** Long Essay Questions (Any **ONE**) (10)

Define growth and development. Discuss Cartilaginous theory in detail.

**OR**

Define and classify anchorage. Write in detail about reciprocal anchorage and cortical anchorage.

**Q.2** Short Essay questions (Any **THREE**) (15)

- a) Write effects of tongue thrusting habit on dentition.
- b) Write merits and demerits of Angles classification.
- c) Write a note on Andrews's six keys to normal occlusion.
- d) Define habit. Classify Oral habits.

**Q.3** Write short answers (Any **FIVE**) (10)

- a) Significance of primate spaces.
- b) Classify Diagnostic aids.
- c) Describe cephalocaudal gradient of growth.
- d) Differences between growth site and growth centre.
- e) Write four limitations of Study model.
- f) Give sequence of eruption of permanent teeth.

**SECTION-II**

**Q.4** Long Essay Questions (Any **ONE**) (10)

Enumerate the theories of tooth movement. Discuss the pressure tension theory in detail.

**OR**

A 8 year old girl comes to your clinic. She has concave profile. Intraoral examination shows an anterior cross bite with narrow maxilla. Discuss the probable etiology, differential diagnosis and treatment plan for correcting this malocclusion.

**Q.5** Short Essay questions (Any **THREE**) (15)

- a) Explain theorems of retention.
- b) Ni-Ti wires.
- c) Buccinator mechanism.
- d) Twin block appliance.

**Q.6** Write short answers (Any **FIVE**) (10)

- a) Four differences between Begg's appliance and Preadjusted Edgewise appliance.
- b) Define optimum orthodontic force.
- c) Limitations of Orthopantomogram (OPG).
- d) Enumerate stages of deglutition.
- e) Composition of Beta titanium (TMA) wire.
- f) Define points Sella (S), Nasion (Na), point A and point B, on a lateral cephalogram.

\* \* \*

**KAVERI-IV (2008 COURSE) : SUMMER 2016**  
**SUBJECT : PERIODONTOLOGY**

Day : **Thursday**  
Date : **05-05-2016**

Time : **1:00 P.M. TO 4:00 P.M.**  
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 labeled diagrams **WHEREVER** necessary.

**SECTION-I**

- Q.1** Long Essay Questions (Any **ONE**) (10)  
a) Define and classify Cementum. Describe structure, composition and clinical significance of cementum.  
**OR**  
b) Define periodontal pocket? Classify periodontal pocket. Give its clinical signs, symptoms and treatment modalities of periodontal pocket.
- Q.2** Short Essay questions (Any **THREE**) (15)  
a) Fenestration and dehiscence.  
b) Gingival crevicular fluid.  
c) Use of Radiographs in diagnosis and treatment of periodontal diseases.  
d) Relation between Diabetes mellitus and periodontium.
- Q.3** Write short answers (Any **FIVE**) (10)  
a) Enumerate bony defects.  
b) Define plaque and classify plaque.  
c) Define and classify trauma from occlusion.  
d) Functions of attached gingiva.  
e) Define and classify furcation involvement.  
f) Enumerate the oral manifestations of AIDS.

**SECTION-II**

- Q.4** Long Essay Questions (Any **ONE**) (10)  
a) Define Osseous surgery. Describe in detail steps in osseous surgery.  
**OR**  
b) Define mucogingival surgery. Describe in detail free gingival grafting procedure.
- Q.5** Short Essay questions (Any **THREE**) (15)  
a) Radiographs as diagnostic aid.  
b) Malodor.  
c) Curettage.  
d) Local drug delivery system.
- Q.6** Write short answers (Any **FIVE**) (10)  
a) Name the supra gingival and subgingival scalers.  
b) Role of disclosing agents and enumerate disclosing agents.  
c) Classify embrassures.  
d) Enumerate wasting diseases of teeth.  
e) Clinical features of Localized aggressive periodontitis.  
f) Treatment of ANUG.

IV - I

**KAVERI – IV (2008 COURSE): SUMMER – 2016**  
**SUBJECT : PUBLIC HEALTH DENTISTRY**

Day : **Tuesday**  
Date : **03-05-2016**

Time : **1:00 P.M. TO 4:00 P.M.**  
Max. Marks : 70

**N.B.:**

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

**SECTION – I**

- Q.1** Answer **ANY ONE** of the following (Essay type): [10]
- a) Define Dental Public Health. Write differences between Private Dentist and Public Health Dentist.
  - b) Define Epidemiology. Classify Epidemiological studies and write difference between case control and cohort study.
- Q.2** Write short notes on **ANY THREE** of the following: [15]
- a) Steps involved in application of pit and fissure sealants
  - b) New Zealand type Dental Nurse
  - c) OHI – S
  - d) Water defluoridation
- Q.3** Answer **ANY FIVE** of the following: [10]
- a) WHO modifications of DMFT index
  - b) Types of dental floss.
  - c) Mean, Median and Mode.
  - d) Types of sampling.
  - e) Approaches in Health Education.
  - f) Levels of prevention.

**SECTION – II**

- Q.4** Answer **ANY ONE** of the following: [10]
- a) Define INDEX. Write the classification, ideal requisites and uses of indices.
  - b) Define Oral Health Survey. Describe the various steps in Oral Health Survey.
- Q.5** Write short notes on **ANY THREE** of the following: [15]
- a) Principles of Health Education.
  - b) Tooth brushing methods.
  - c) School water fluoridation.
  - d) Functions of IDA.
- Q.6** Answer **ANY FIVE** of the following: [10]
- a) Risk factors for oral cancer.
  - b) Incidence and prevalence.
  - c) Group practice.
  - d) Parts of toothbrush.
  - e) Types of Pit and Fissures.