

KAVERI-II: APRIL/ MAY 2008
SUBJECT: GENERAL AND DENTAL PHARMACOLOGY

Day: *Monday*
Date: *05-05-2008*

Time: *9:00 A.M. TO 12:00 NOON.*
Max Marks: 60

N. B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Both sections should be written in **SEPARATE** answer books.

SECTION-I

- Q.1** Write short notes on (any **TWO**) : **(10)**
- a) Dentifrices
 - b) Drugs for dental caries
 - c) Demulcents
- Q.2** Classify NSAIDs. Write mechanism of action, adverse effects and uses of **(10)**
DICLOFENAC SODIUM.
- Q.3** Write briefly on :
- a) Bioavailability **(04)**
 - b) Infiltration anaesthesia **(03)**
 - c) H₂ Blockers **(03)**

SECTION-II

- Q.4** Write short notes on (any **TWO**) : **(10)**
- a) Drugs for Iron Deficiency Anaemia
 - b) Semi-synthetic penicillins
 - c) Chloroquine
- Q.5** Classify B adrenergic receptor blocking agents. Describe pharmacological actions, **(10)**
uses and adverse effects of PROPRANOLOL.
- Q.6** Write briefly on :
- a) Corticosteroids- Adverse effects and uses **(04)**
 - b) Enalapril **(03)**
 - c) Typhoid vaccines **(03)**

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KAVERI-II: Oct-Nov-2008
SUBJECT: GENERAL AND DENTAL PHARMACOLOGY

Day: Monday
Date: 3-11-2008

Time: 9:00 A.M. To 12-00 Noon
Max Marks: 60

N. B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Both sections should be written in **SEPARATE** answer books.

SECTION-I

- Q.1** Write short notes on (any **TWO**) : **(10)**
- a) Obtundents
 - b) Mouth washes
 - c) Mummifying agents
- Q.2** Classify anti hypertensive agents. Write mechanism of action, adverse effects and uses of angiotensin converting enzyme inhibitors(ACE I). **(10)**
- Q.3** Write briefly on :
- a) Drugs for hyperthyroidism **(04)**
 - b) Drug antagonism **(03)**
 - c) Local haemostatic agents **(03)**

SECTION-II

- Q.4** Write short notes on (any **TWO**) : **(10)**
- a) Aspirin
 - b) Diazepam
 - c) Antihistaminic agents (H₁ Blockers)
- Q.5** Classify quinolones. Describe mechanism of action, adverse effects & uses of CIPROFLOXACIN. **(10)**
- Q.6** Write briefly on :
- a) Bronchodilators **(04)**
 - b) Omeprazole **(03)**
 - c) Metronidazole **(03)**

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KAVERI-II : APRIL/ MAY 2008
SUBJECT : GENERAL PATHOLOGY, MICROBIOLOGY AND PARASITOLOGY

Day : Wednesday
Date : 07-05-2008

Time : 9:00 A.M. TO 12:00 NOON.
Max. Marks : 60.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Answers to the two sections should be written in **SEPARATE** answer books.
- 3) Figures to the **RIGHT** indicate full marks.
- 4) Neat diagrams must be drawn **WHEREVER** necessary.

SECTION-I

- Q.1** Define thrombosis. Describe etiopathogenesis and fate of thrombus. (11)
- Q.2** Write short notes on any **TWO** of the following: (10)
- a) Pathogenesis of oedema
 - b) Classification and special stains for Amyloidosis.
 - c) Chemical mediators of acute inflammation.
- Q.3** Write short notes on any **THREE** of the following: (09)
- a) Complications of Diabetes mellitus
 - b) Differences between Dystrophic and metastatic calcification
 - c) Metaplasia
 - d) Fatty liver.

SECTION-II

- Q.4** Describe morphology, cultural characteristics, pathogenesis and Laboratory (11)
diagnosis of pulmonary infection caused by mycobacterium tuberculosis.
- Q.5** Write short notes on any **TWO** of the following: (10)
- a) Define sterilization and disinfection. Mention any four commonly used disinfectants with their in use concentration.
 - b) Methods of cultivation of viruses
 - c) Define and classify immunoglobulins. Describe the structure and function of IgM.
- Q.6** Write short notes on any **THREE** of the following: (09)
- a) Laboratory diagnosis of Amoebic dysentery
 - b) laboratory diagnosis of superficial mycotic infection
 - c) Mention any four differences between Exotoxin and Endotoxin
 - d) Laboratory diagnosis of P. Vivax infection.

KAVERI-II : Oct. Nov - 2008
SUBJECT : GENERAL PATHOLOGY, MICROBIOLOGY AND PARASITOLOGY

Day : Wednesday
Date : 5-11-2008

Time : 9.00 A.M To 12.00 Noon
Max. Marks : 60.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Answers to the two sections should be written in **SEPARATE** answer books.
- 3) Figures to the **RIGHT** indicate full marks.
- 4) Neat diagrams must be drawn **WHEREVER** necessary.

SECTION-I

- Q.1** Define Granuloma. Classify Granulomatous diseases and discuss pathology of primary Tuberculosis in detail. (11)
- Q.2** Write short notes on any **TWO** of the following: (10)
- a) Types of Necrosis
 - b) Chemical carcinogenesis
 - c) Virchow's Triad of thrombosis.
- Q.3** Write short notes on any **THREE** of the following: (09)
- a) Iron deficiency anaemia
 - b) Differences between dry and wet gangrene
 - c) Atrophy
 - d) Metastasis.

SECTION-II

- Q.4** Describe morphology, cultural characteristics, Pathogenesis and laboratory diagnosis of infection caused by *Corynebacterium diphtheriae*. (11)
- Q.5** Write short notes on any **TWO** of the following: (10)
- a) Autoclave
 - b) Laboratory diagnosis of HIV infection
 - c) Define and classify Hypersensitivity with suitable example.
- Q.6** Write short notes on any **THREE** of the following: (09)
- a) Laboratory diagnosis of *P. Vivax* infection
 - b) Predisposing factors for candidiasis
 - c) Define Anaerobes, mention methods of Anaerobiosis.
 - d) Mention four differences between Exotoxin and Endotoxin.

KAVERI-II : Oct. Nov- 2008

SUBJECT : ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND EMBRYOLOGY

Day : Friday
Date : 7-11-2008

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 60.

N.B.:

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

SECTION-I

- Q.1 Define oral mucous membrane. Describe the specialized mucosa in detail with its applied aspects. (10)
- Q.2 Describe the hypocalcified areas of Dentine. (10)
- Q.3 Write notes on any **TWO** of the following: (10)
- a) Theories of Eruption
 - b) Ridges and inclined planes
 - c) Types of cementum.

SECTION-II

- Q.4 Enumerate the various stages in tooth development. Describe in detail the advanced bell stage. (10)
- Q.5 Describe the morphology of the mandibular permanent first molar. (10)
- Q.6 Write notes on any **TWO** of the following: (10)
- a) Pulp stones
 - b) Theories of pain transmission through dentine.
 - c) Arch traits of permanent incisors.

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KAVERI-II : APRIL/ MAY 2008

SUBJECT : ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY AND EMBRYOLOGY

Day : Friday
Date : 09-05-2008

Time : 9:00 A.M. TO 12:00 NOON.
Max. Marks : 60.

N.B.:

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

- Q.1** Give the physical and chemical properties of Enamel. Describe amelogenesis with its applied aspects. (10)
- Q.2** Describe the principle fibres of the periodontal ligament in detail. (10)
- Q.3** Write notes on any **TWO** of the following: (10)
- a) Physiological mesial drift
 - b) Muscles of mastication
 - c) Preparation of ground section of a tooth.

SECTION-II

- Q.4** Define shedding. Describe in detail the histology and mechanism of resorption and shedding. (10)
- Q.5** Describe the morphology of the permanent maxillary canine. (10)
- Q.6** Write notes on any **TWO** of the following: (10)
- a) Tooth numbering systems
 - b) Taste buds
 - c) Development of palate.

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