

KAVERI-II : APRIL/ MAY - 2005
SUBJECT : GENERAL AND DENTAL PHARMACOLOGY

Day : *Thursday*
Date : *5-5-2005*

Time : 10.00 A.M. TO 1.00 P.M.
Max. Marks : 60.

N.B.:

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

SECTION-I

- Q.1** Write briefly on any **TWO** of the following: **(10)**
- a) Mouth - washes
 - b) Obtundents
 - c) Fluorides
- Q.2** Classify local anaesthetic agents. Describe the pharmacological actions, therapeutic uses and adverse effects of XYLOCAINE. **(10)**
- Q.3** Write short notes on any **TWO** of the following: **(10)**
- a) Scopolamine
 - b) Physiological antagonism.
 - c) Synthetic reactions

SECTION-II

- Q.4** Write briefly on any **TWO** of the following: **(10)**
- a) Metronidazole
 - b) Isoniazide
 - c) Prednisolone
- Q.5** Classify antianginal agents and describe the mechanism of action and adverse effects of NITROGLYCERINE. **(10)**
- Q.6** Write short notes on:
- a) Streptokinase. **(04)**
 - b) Bacterial vaccines **(03)**
 - c) Bisacodyl. **(03)**

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KAVERI - II : Oct/NOV - 2005
SUBJECT : GENERAL AND DENTAL PHARMACOLOGY

Day : Monday Time : 10.00 a.m. to 1.00 p.m.
Date : 07-11-2005 Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate **FULL** marks.
 - 3) Each section should be written in **SEPARATE** answer books.
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SECTION - I

- Q.1** Write short notes on **ANY TWO** of the following. [10]
- a) Mouth Washes
 - b) Astringents
 - c) Fluorides
- Q.2** Classify 'BARBITURATES.' Describe the mechanism of action, therapeutic uses and adverse effects of 'DIAZEPAM'. [10]
- Q.3** Write briefly on :
- a) Rofecoxib [03]
 - b) Lignocaine [04]
 - c) Enzyme Induction [03]

SECTION - II

- Q.4** Write briefly on **ANY TWO** of the following. [10]
- a) Ciprofloxacin
 - b) Chloroquine
 - c) Metformin
- Q.5** Classify ANTI-ANGINAL agents and describe the mechanism of action and adverse effects of NITROGLYCERINE. [10]
- Q.6** Write short notes on :
- a) Promethazine [04]
 - b) Heparin [03]
 - c) Omeprazole [03]

KAVERI – II : APRIL / MAY : 2005
SUBJECT : GENERAL PATHOLOGY, MICROBIOLOGY AND PARASITOLOGY

Day : Saturday Time : 10.00 a.m. to 1.00 p.m.
Date : 07/05/2005 Max. Marks : 60

N.B.

1. All questions are **COMPULSORY**.
 2. Figures to the **RIGHT** indicate **FULL** marks.
 3. Each section should be written in **SEPARATE** answer books.
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SECTION – I

- Q.1** Define necrosis. Describe different types of necrosis giving examples. [11]
- Q.2** Write short notes on **ANY TWO** of the following. [10]
- a] Chemical carcinogenesis
 - b] Phagocytosis
 - c] Congenital syphilis
- Q.3** Write short notes on **ANY THREE** of the following. [09]
- a] Dystrophic calcification
 - b] Factors modifying repair process
 - c] Investigations in bleeding disorders
 - d] Exfoliative cytology

SECTION - II

- Q.4** Describe morphology, cultural characteristics and pathogenicity of **[11]**
Mycobacterium tuberculosis. Describe the laboratory diagnosis of Pulmonary Tuberculosis.
- Q.5** Write short notes on **ANY TWO** of the following. [10]
- a] Immunoglobulins
 - b] Dental Caries
 - c] Clostridium tetani
- Q.6** Write short notes on **ANY THREE** of the following. [09]
- a] Dermatophytes
 - b] Hepatitis B virus
 - c] Hot air oven
 - d] Koch's Postulates

KAVERI - II : Oct/NOV-2005
SUBJECT : GENERAL PATHOLOGY, MICROBIOLOGY AND PARASITOLOGY

Day : Wednesday Time : 10.00 a.m. to 1.00 p.m.
Date : 09.11.2005 Max. Marks : 60

N.B.

1. All questions are **COMPULSORY**.
 2. Figures to the **RIGHT** indicate **FULL** marks.
 3. Each section should be written in **SEPARATE** answer books.
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SECTION - I

- Q.1** Define inflammation. Describe vascular events along with chemical mediators causing these events. [11]
- Q.2** Write short notes on **ANY TWO** of the following. [10]
- a) Diagnosis of tumours
 - b) Differences between dry and wet gangrene
 - c) Fat embolism
- Q.3** Write short notes on **ANY THREE** of the following. [09]
- a) Glucose tolerance test
 - b) Staining characters of Amyloid
 - c) Iron deficiency anaemia
 - d) Definition and classification of leukaemias

SECTION - II

- Q.4** Enumerate spirochaetes pathogenic to man. Describe the morphology, antigens and pathogenicity of *Treponema pallidum*. Discuss the laboratory diagnosis of Syphilis. [11]
- Q.5** Write short notes on **ANY TWO** of the following. [10]
- a) Moist heat sterilisation
 - b) Active and passive immunisation
 - c) Differences between *Streptococcus viridans* and *Pneumococci*
- Q.6** Write short notes on **ANY THREE** of the following. [09]
- a) Human Immunodeficiency Virus
 - b) *Candida albicans*
 - c) Nagler reaction
 - d) *Entamoeba histolytica*

KAVERI - II: Oct/NOV-2005
SUBJECT : HUMAN ORAL ANATOMY, PHYSIOLOGY
EMBRYOLOGY AND HISTOLOGY

Day : *Friday* Time : 10.00 a.m. to 1.00 p.m.
Date : *11.11.2005* Max. Marks : 60

N.B.

1. All questions are **COMPULSORY**.
 2. Figures to the **RIGHT** indicate **FULL** marks.
 3. Each section should be written in **SÉPARATE** answer books.
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SECTION - I

- Q.1** Classify salivary glands. Discuss composition and functions of Saliva in detail. [10]
- Q.2** Describe the morphology of Permanent Maxillary first Molar. Mention its clinical importance. [10]
- Q.3** Write notes on **ANY TWO** of the following. [10]
- a] Functions of Maxillary Air Sinus
 - b] Decalcified section
 - c] Theories of dentin sensitivity.

SECTION - II

- Q.4** Define and classify Oral mucous membrane. Describe in brief the macroscopic and microscopic appearance of Hard Palate. [10]
- Q.5** Describe the functions and cellular elements of Dental Pulp. [10]
- Q.6** Write short notes on **ANY TWO** of the following. [10]
- a] Arch traits of Premolars
 - b] Histology of Bone
 - c] Development of Mandible

KAVERI - II : APRIL \ MAY - 2005
SUBJECT : ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY
AND EMBRYOLOGY

Day : **Wednesday**
Date : **11-5-2005**

Time : 10.00 a.m. to 1.00 p.m.
Max. Marks : 60

N.B.

1. All questions are **COMPULSORY**.
2. Figures to the **RIGHT** indicate **FULL** marks.
3. Answers of the both sections should be written on **SEPARATE** answerbooks.
4. Draw diagrams **WHEREVER** necessary.

SECTION - I

- Q.1 Classify oral mucous membrane. Describe the specialised mucosa in detail. (10)
- Q.2 Enumerate the stages in the development of tooth. Describe advanced bell stage. (10)
- Q.3 Write notes on any **TWO** (10)
- a) Ground section of tooth
 - b) Dentin sensitivity
 - c) Functions of Saliva

SECTION - II

- Q.4 Describe the process of shedding of the deciduous teeth. (10)
- Q.5 Describe the morphology of occlusal surface of the permanent mandibular left first molar. (10)
- Q.6 Write notes on any **TWO** (10)
- a) Fixatives
 - b) Enamel Lamellae
 - c) Curve of Spee

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