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

Day: Thursday  Time: 10.00 A.M. TO 1.00 P.M.
Date: 5-5-2005  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 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 (10)
    actions, therapeutic uses and adverse effects of XYLOCAINE.

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 (10)
   and adverse effects of NITROGLYCERINE.

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
Date: 07-11-2005

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 books.

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  
Date: 09.11.2005  
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 books.

SECTION - I

Q.1 Define inflammation. Describe vascular events along with chemical [11] mediators causing these events.

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 a leukaemias

SECTION - II


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] Naglar reaction
   -d] Entamoeba histolytica
KAVERI - II:  Oct/Nov. 2005
SUBJECT: HUMAN ORAL ANATOMY, PHYSIOLOGY
EMBRYOLOGY AND HISTOLOGY

Day: Friday
Date: 11.11.2005

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 books.

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 apperence 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

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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  
   a) Ground section of tooth  
   b) Dentin sensitivity  
   c) Functions of Saliva  
(10)

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  
   a) Fixatives  
   b) Enamel Lamellae  
   c) Curve of Spee  
(10)