

**KAVERI - II : APRIL / MAY : 2006**  
**SUBJECT : GENERAL AND DENTAL PHARMACOLOGY**

Day : Monday  
Date : 08-05-2006

Time : 9:30 A.M. TO 12:30 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) Dentifrices
  - b) Obtundents
  - c) Mummifying agents
- Q.2** Classify 'NEUROMUSCULAR BLOCKING AGENTS.' Describe the pharmacological actions, therapeutic uses and adverse effects of 'SUCCINYLCHOLINE'. [10]
- Q.3** Write briefly on : [03]
- a) Phenytoin [03]
  - b) Preanaesthetic medication [03]
  - c) Anticholinesterases [04]

**SECTION - II**

- Q.4** Write briefly on **ANY TWO** of the following. [10]
- a) Metronidazole
  - b) Azithromycin
  - c) Hydrocortisone
- Q.5** Classify 'ANTIHYPERTENSIVE DRUGS'. Describe the pharmacological actions, uses and adverse effects of **CALCIUM CHANNEL BLOCKERS**. [10]
- Q.6** Write short notes on : [04]
- a) Streptokinase [03]
  - b) Folic acid [03]
  - c) Domperidone [03]

**KAVERI-II : Oct-Nov-2006**  
**SUBJECT : GENERAL AND DENTAL PHARMACOLOGY**

Day : Monday  
Date : 6-11-2006

Time : 9.30 A.M. TO 12.30 P.M.  
Max. Marks : 60.

**N.B.:**

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

**SECTION-I**

- Q.1** Write briefly on (Any TWO) (10)
- a) Demulcents.
  - b) Dental abrasives.
  - c) Disclosing agents.
- Q.2** Classify 'BENZODIAZEPINES'. Describe the pharmacological actions, uses and (10)  
adverse effects of 'MIDAZOLAM'.
- Q.3** Write short notes on : (04)
- a) Combined effects of drugs. (04)
  - b) Second generation  $H_1$  – receptor antagonists. (03)
  - c) Phase-II reactions. (03)

**SECTION-II**

- Q.4** Write briefly on any TWO of the following: (10)
- a) Dapsone.
  - b) Norfloxacin.
  - c) Lugol's Iodine.
- Q.5** Classify ANTICHOLINESTERASES. Describe the adverse effects and therapeutic (10)  
uses of NEOSTIGMINE.
- Q.6** Write short notes on : (04)
- a) Warfarin. (04)
  - b) Oral polio vaccine. (03)
  - c) Domperidone. (03)

**KAVERI-II Oct-NOV-2006**  
**SUBJECT : GENERAL PATHOLOGY, MICROBIOLOGY AND**  
**PARASITOLOGY**

Day : Wednesday  
Date : 8-11-2006

Time : 9-30 A.M. To 12-30 P.M.  
Max. Marks : 60

**N.B.**

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

**SECTION-I**

- Q.1 Define oedema. Discuss etiopathogenesis of oedema. (11)
- Q.2 Write short notes on **ANY TWO** of the following :- (10)
- a) Differences between benign and malignant tumours
  - b) Phagocytosis
  - c) Fate of the thrombus
- Q.3 Write short notes on **ANY THREE** of the following :- (9)
- a) Complications in Diabetes Mellitus
  - b) Scurvy
  - c) Dystrophic Calcification
  - d) Investigations in anaemia

**SECTION-II**

- Q.4 What is hospital cross infection ? List the microbes causing hospital infection. What steps will you take to prevent hospital cross infection ? (11)
- Q.5 Write short notes on **ANY TWO** of the following :- (10)
- a) Antigen-Antibody reactions
  - b) Acid fast bacilli
  - c) Lab. diagnosis of syphilis
- Q.6 Write short notes on **ANY THREE** of the following :- (9)
- a) Anaerobic cultures
  - b) Lepromin test
  - c) Round worm
  - d) Lab. diagnosis of viral infection

**KAVERI-II : April / May - 2006**  
**SUBJECT : GENERAL PATHOLOGY, MICROBIOLOGY AND PARASITOLOGY**

Day : Thursday  
Date : 11/05/2006

Time : 9.30 A.M. TO 12.30 P.M.  
Max. Marks : 60.

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**N.B.:**

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

- Q.1** What is haemorrhagic disorder? Enumerate causes of haemorrhagic disorders. (11)  
Describe investigations in haemorrhagic disorders.
- Q.2** Write short notes on any **TWO** of the following: (10)  
a) Vascular events in acute inflammation.  
b) Carcinogenesis.  
c) Pathogenesis of oedema.
- Q.3** Write short notes on any **THREE** of the following: (09)  
a) Lepra reactions.  
b) Sago spleen.  
c) Scurvy.  
d) Glucose tolerance test.

**SECTION-II**

- Q.4** Define sterilisation, disinfection and antisepsis. Describe various methods of sterilization. (11)
- Q.5** Write short notes on any **TWO** of the following: (10)  
a) Clostridium tetani.  
b) Precipitation reaction.  
c) Superficial mycosis.
- Q.6** Write short notes on any **THREE** of the following: (09)  
a) Hepatitis B virus.  
b) Plasmodium falciparum.  
c) Flagella.  
d) Pseudomonas.

**KAVERI - II : Oct-Nov-2006**  
**SUBJECT : HUMAN ORAL ANATOMY, PHYSIOLOGY**  
**EMBRYOLOGY AND HISTOLOGY**

Day : Friday  
Date : 10-11-2006

Time : 9:30 A.M. To 12:30 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** Describe the process of Dentinogenesis in detail and mention in brief the age changes seen in dentin. [10]
- Q.2** Define Dental lamina and describe the various histological stages in the development of tooth in brief. [10]
- Q.3** Write notes on **ANY TWO** of the following. [10]
- a] Compact and cancellous bone
  - b] Development of Tongue
  - c] Overjet and overbite

**SECTION - II**

- Q.4** Describe the life cycle of an Ameloblast. Give the clinical considerations of Enamel. [10]
- Q.5** Describe the morphology of Permanent Mandibular first Molar. Mention its clinical importance. [10]
- Q.6** Write short notes on **ANY TWO** of the following. [10]
- a] Muscles of Mastication
  - b] Curve of spee and its clinical significance
  - c] Incremental lines of Oral tissues.



**KAVERI-II : APRIL/ MAY 2006**  
**SUBJECT : HUMAN ORAL ANATOMY, PHYSIOLOGY, HISTOLOGY & EMBRYOLOGY**

Day : Saturday  
Date : 13/05/2006

Time : 9.30 A.M. TO 12.30 P.M.  
Max. Marks : 60.

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**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.
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**SECTION-I**

- Q.1** Describe Mandibular right second premolar in detail. (10)
- Q.2** Define Periodontium Describe principle fibers of periodontal ligament with its functions. (10)
- Q.3** Write notes on any **TWO** of the following: (10)
- a) Cells of Pulp.
  - b) Development of mandible.
  - c) Maxillary sinus.

**SECTION-II**

- Q.4** Classify salivary glands. Describe the formation of saliva. (10)
- Q.5** Define Enamel. Describe amelogenesis in detail. (10)
- Q.6** Write notes on any **TWO** of the following: (10)
- a) Compensating curves.
  - b) Gingiva.
  - c) Decalcification.