

KAVERI-I: Oct-Nov-2006
SUBJECT : GENERAL HUMAN ANATOMY AND HISTOLOGY

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) Both the sections should be written in **SEPARATE** answer books.
- 4) Draw neat diagrams **WHEREVER** necessary.

SECTION-I

- Q.1** Describe the gross anatomy of Palatine Tonsils. Give its applied importance. (10)
- Q.2** Describe the Carotid Triangle. (10)
- Q.3** Write in brief on any **TWO** of the following: (10)
- a) Parts and blood supply of long bone.
 - b) Biceps brachi muscle.
 - c) Coronary arteries.

SECTION-II

- Q.4** Describe the Mandibular nerve giving its course, branches and distribution. (10)
- Q.5** Write in brief on any **TWO** of the following: (10)
- a) Development of Tongue.
 - b) Hyoid bone.
 - c) Crico-thyroid muscle.
- Q.6** Describe the microscopic structure of any **TWO** of the following: (10)
- a) Hyaline cartilage.
 - b) Testis.
 - c) Hairy skin.

KAVERI-I: Oct. NOV-2006
SUBJECT : GENERAL PHYSIOLOGY AND BIOCHEMISTRY

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) Answers to the two sections should be written in **SEPARATE** answer books.
- 3) Draw diagram wherever necessary.
- 4) Figures to the **RIGHT** indicate full marks.

SECTION-I

- Q.1 Describe chemical regulation of respiration. (10)
- Q.2 Define the term shock. Enumerate different types of shock. Describe the stages of hypovolemic shock. (10)

OR

Draw and label ECG in Lead-II. Describe all waves and intervals of ECG. What are uses of ECG?

- Q.3 Write short notes on any **TWO** of the following: (10)
- a) Resting membrane potential.
 - b) Functions of PCT and DCT.
 - c) Functions of platelets.

SECTION-II

- Q.4 Describe hormonal regulation of serum calcium level. (10)
- Q.5 Describe the effects of sympathetic stimulation on body systems. (10)

OR

Draw and label different lobes of cerebral cortex. Describe their functions.

- Q.6 Write short notes on any **TWO** of the following: (10)
- a) Actions of estrogens.
 - b) Role of ascorbic acid.
 - c) Mastication.