

01400

**B.Sc. (Hons.) IN OPTOMETRY AND
OPHTHALMIC TECHNIQUES (BSCHOT)**

Term-End Examination

December, 2011

BOS-003 : BASIC HUMAN SCIENCES

Time : 3 hours

Maximum Marks : 70

- Note :**
- (i) *This Question Paper contains **Part-A** and **Part-B**.*
 - (ii) *Answer **any five** questions from **Part-A**. Each question carries 8 marks.*
 - (iii) *Answer **any five** questions from **Part-B**. Each carries 6 marks.*

PART - A

Answer *any five* Questions.

1. Draw a well labelled diagram of digestive system. 8
Describe the structure and functions of stomach.
2. Name the various Cranial Nerves and describe 8
their functions.
3. What is pulmonary ventilation ? Describe the 8
various Lung volumes.

4. Describe the structure and functions of the excretory system. 8
5. Classify Anti fungal Agents. Describe their role in various fungal infections. 8
6. Describe various routes of drug administration. 8
7. Describe Acids, Bases and salts. What is the difference between electrolytes and non-electrolytes ? 8
8. Define inflammation. Describe various types of inflammations. 8

PART - B

9. Write short notes on *any five* of the following :

5x6=30

- (a) Red Blood Cells (RBCs)
 - (b) Internal Ear
 - (c) Skeletal Muscles
 - (d) Skin
 - (e) Aminoglycosides
 - (f) Gall Bladder
 - (g) Structure of virus
 - (h) Blood Pressure
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