

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

Term-End Examination

December, 2017

BOS-003 : BASIC HUMAN SCIENCES

Time : 3 hours

Maximum Marks : 70

- Note :*
- (i) There are two parts of this question paper.*
 - (ii) Attempt any five questions from Part-A. Each carries 8 marks.*
 - (iii) Attempt any five short notes from Part-B. Each carries 6 marks.*

PART - A

1. Enumerate the various Lobes of Lungs. What is 'Little's area' of Nose and describe its significance. 8
2. Enumerate the Hormones produced by the pituitary gland with their functions. 8
3. What is Menstrual Cycle ? Describe its various phases. 8
4. Name the 12 Cranial Nerves and briefly describe the function of each. 8
5. Describe the various processes involved in digestion. 8

6. (a) Explain the structure of bacteria. 3+3+2
(b) How will you classify bacteria ?
(c) Enlist the diseases caused by Gram Positive and Gram Negative bacteria.
7. Describe the various routes of drug administration with suitable examples. 8

PART - B

8. Write short notes on any five of the following : 6x5=30
- (a) Benedicts' Test
 - (b) Local Anaesthesia
 - (c) Drugs used in Bronchial Asthma
 - (d) Muscular Tissue
 - (e) Types of Joints
 - (f) HIV virus
 - (g) Blood Grouping
 - (h) Functions of Proteins
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