

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

Term-End Examination

June, 2018

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. Describe the structure and functions of excretory system. 8
2. Classify fungi. Describe the various methods of diagnosis of mycosis. 8
3. Describe the structure of Central Nervous System with the help of suitable diagrams. 8
4. (a) Describe the process of Respiration. 4+4=8
(b) What is Tidal Volume and Vital Capacity of Lungs ?
5. (a) What is the difference between Gram Positive and Gram Negative Bacteria ? 4+4=8
(b) Enumerate the diseases caused by bacteria.

6. (a) Define Inflammation. 2+2+4=8
(b) What are various causes of Inflammation ?
(c) Describe the signs of Acute Inflammation.
7. Describe the various drugs used for : 4+4=8
(a) Respiratory Diseases.
(b) Cardio-vascular Diseases.

PART - B

8. Write short notes on any five of the following : 6x5=30
(a) Drugs used in Tuberculosis
(b) Functions of skin
(c) Ball and socket joint
(d) Digestive enzymes
(e) Taste Buds
(f) Middle Ear
(g) Cardiac Muscles
(h) Routes of drug administration
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