

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

Term-End Examination

December, 2018

BOS-003 : BASIC HUMAN SCIENCES

Time : 3 hours

Maximum Marks : 70

PART - A

Answer any five questions. Each question carries
8 marks. 8x5=40

1. Describe the various parts of respiratory system with the help of suitable diagram and explain its functions.
2. Describe the various types of joints in human body with the help of suitable diagrams.
3. (a) Enlist various types of Blood Groups and their significance.
(b) Describe the composition of blood and enlist the functions of blood.
4. Describe the various routes of drug administration.
5. What is cell division ? Differentiate between Mitosis and Meiosis with the help of suitable diagrams.
6. Describe the clinical classification of fungi and diagnosis of the fungal infections.

7. Describe in brief the drugs used in :
- (a) Hypertension
 - (b) Tuberculosis
8. (a) Enumerate the different types of nerves present in human body.
- (b) Name the Cranial Nerves and the organs which they supply.

PART - B

9. Write short notes on any five of the following :
- (a) Types of Bacteria 6x5=30
 - (b) Cerebro Spinal Fluid (CSF)
 - (c) Organs of excretions
 - (d) Functions of Proteins
 - (e) Types of muscles
 - (f) Imflammation
 - (g) Thyroid Hormones
 - (h) Organs of digestion
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