

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

Term-End Examination

June, 2010

BOS-003 : BASIC HUMAN SCIENCES

Time : 3 hours

Maximum Marks : 70

Note : (i) *This question paper contains Part-A & Part-B.*

(ii) *Answer any five questions from Part-A. Each question carries 8 marks.*

(iii) *Write short notes on any five from Part-B. Each short note carries 6 marks.*

PART - A

Answer *any five* questions :

5x8=40

1. Write down the parts of Digestive System. Explain the structure and function of Liver and Gall Bladder with suitable diagrams.
2. Describe in brief the composition of blood. Explain the circulation of blood in the body with suitable diagrams.
3. Describe the various parts of nervous system. Write in brief the functions distribution of cranial nerves related to eye.

4. Describe the structure of pituitary gland and write the hormones secreted by pituitary gland.
5. Describe the physiology of excretion.
6. Classify fungi and ways to diagnose fungal infections.
7. (a) Classify antipeptic ulcer drugs.
(b) Discuss management of Peptic Ulcer.
8. Discuss :
 - (a) Cephalosporins
 - (b) Acyclovin

PART - B

9. Write short notes on *any five* of the following : **5x6=30**

- (a) Inflammation
 - (b) Factors in pharmaco kinetics
 - (c) Types of Joints
 - (d) Drug interaction
 - (e) Barbiturates
 - (f) Slaphylococcus
 - (g) Apoptosis
 - (h) Drugs used in diabetes mellitus
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