

February 2010

[KW 6006]

Sub. Code : 6006

BACHELOR OF OPTOMETRY DEGREE EXAMINATION

First Year

Paper VI – Computing and Computer Application

Q.P. Code : 806006

Time : Three hours

Maximum : 100 marks

Answer ALL Questions

Draw diagrams wherever necessary

I. Essays:

(2 x 15 = 30)

1. Briefly explain the following:
 - a) History of computers and definition of computers.
 - b) Generations of computers and characteristics of computers.
2. Briefly explain the database query languages and bioinformatics (C++) with suitable examples.

II. Short Notes :

(10 x 5 = 50)

1. Discuss various devices available in computers with examples.
2. Explain briefly Types of memory with example.
3. Explain fundamentals of Networking and Internet.
4. Write a short note on search engines with example.
5. Explain basic commands with examples.
6. Explain the fundamentals of Linux and Windows operating system with example.
7. Explain the following statements with example.
 - a) For loop and 'IF'.
 - b) While and do-while.
8. Explain structure in 'C'.
9. Write short notes on the object oriented programming (oops).
10. What is data base? Explain with suitable example.

III. Short Answers :

(10 x 2 = 20)

1. What are the two factors that divide the performance of computers monitor?
2. List out storage devices.
3. Define a) Hardware b) Software.
4. Define: Internet.
5. What is word processor?
6. What is Linux?
7. Define structure of 'C' Programming.
8. Write short note on constants in 'C'.
9. List out the Application of Oops.
10. Define inheritance.
