FIFTH SEMESTER B.Com. DEGREE EXAMINATION, NOVEMBER 2014

(UG–CCSS)

Core Course

BC 5B 10—FUNDAMENTALS OF COMPUTERS

Time : Three Hours

Maximum Weightage : 30

Part A

This part consists of **three** *bunches of questions carrying equal weightage.*
Each bunch has four questions.
Answer all **twelve** *questions.*

I. Fill in the blanks :

    1 _____ memory is one in which information is permanently stored.

    2 A _____ computer operates directly on decimal digits that represent either discrete data or symbols.

    3 There are two types of semiconductor memory, namely RAM and _____

    4 DOS stands for _____ Operating System.

II. Give one word answer for the following :-

    5 The process between switching on and activation of a computer.

    6 Father of modern computers.

    7 It is said to be the brain of the computer system.

    8 A small network that operates within a compact area such as an office building or campus.

III. Match the folowing

9	The area on the display screen where icons are grouped	(a)	E-mail.
10	A symbol that appears on the display screen and that can be moved to select objects and commands	(b)	E-Commerce.
11	An important facility on the internet	(c)	Desktop.
12	The process of purchasing a product electronically	(d)	Telnet.
		(e)	Pointer.

(12 x = 3 weightage)

Turn over

Part B

Answer all **nine** *questions in* **one** *or* **two sentences** *each.*
Each question carries a weightage of 1.

13 What do you mean by Data ?

14 What are binary digits ?

15 What is a hybrid computer ?

13 What do you mean by DOS ?

17 What is a pointing device ?

18 What is distributed data processing ?

19 What is internet ?

20 What is a scanner ?

21 What do you mean by kernel in UNIX ?

(9 x 1 = 9 weightage)

Part C

Answer any **five** *questions not exceeding* **one** *page each.*
Each question carries a weightage of 2.

22 Enumerate the characteristics of a computer.

23 Write a short note on the functions of operating system.

24 Write short notes on the following :—

    (a)   System software.

    (b)   Application Software.

25 Differentiate between Batch-processing and Multiprogramming.

26 What is communication software ? What does it do ?

27 Explain how a laser printer works.

28 Explain the basic elements of UNIX.

(5 X 2 = 10 weightage)

Part D

Answer any **two** *questions.*
Each question carries a weightage of 4.

29 Discuss the basic components of a computer system.

30 Elucidate the different areas of computer applications in business.

31 Differentiate in detail impact printers from non-impact printers, giving examples of each.

(2 x 4 = 8 weightage)