END TERM EXAMINATION

FIRST SEMESTER [BBA] DECEMBER 2013

Paper Code: BBA107   **Subject: Introduction to IT**
        BBA(B&I)107
        BBB(TTM)107

Time: 3 Hours   **Maximum Marks: 75**

> **Note: Attempt all questions. All questions carry equal marks.**

Q. 1 a) Distinguish between Analog, Digital and Hybrid computers. Use examples to support your answer.   6

b) List the distinguishing features in computers from first generation to fifth generation both in terms of hardware and software.   9

Q. 2 a) Explain the working of a computer system using a diagram indicating clearly the flow of data/instructions across various units.   9

b) Convert $(27)_8$ into binary equivalent and vice versa.   6

Q.3 a) Using 2's complement, calculate the following: 5
    01000110 + 00011011

b) Distinguish between   5+5
    (i) Micro and Mainframe systems
    (ii) Systems and Applications Software

Q. 4 Explain the following: 3x5=15

    a) OCR
    b) OMR
    c) MICR
    d) Bar Coding
    e) Impact vs Non-Impact printers

Q. 5 a) Explain briefly various types of ROM.   5

       b) What is Cache Memory? Explain why is it required?   4

       c) Contrast between CD, DVD and Flash Memory.   6

Q. 6 a) What is an Operating System and why do we need it?   4

b) What are the major functions of an operating system?   5

c) What is 'Recycle bin' in Windows operating system?   3

d) Explain the concept of file and folders/directory in the windows operating system.   3

Q. 7 Explain the following: 5+5+5

    a) LAN, MAN, WAN
    b) Simplex, Half Duplex and Full Duplex
    c) Bus topology

Q. 8 a) Contrast between Analog and Digital transmission.   5

       b) Contrast between formula and function in spreadsheets. Give example. 5

       c) Explain the cut-paste and copy-paste options in a word processor.   5

****