Seat No.

B.C.A.(Part-I) (Semester-I)Examination,November-2016
FUNDAMENTALS OF COMPUTERS(Paper-1)
Sub. Code : 59569

Day and Date :Saturday, 05-11-2016   Total Marks : 80
Time : 2.30 p.m. to 5.30 p.m.

Instructions :   1)   Attempt any four questions from Q.1 to Q.7 and Q.8 is compulsory.
                 2)   Each questions carries 16 marks.
                 3)   Figures to the right indicates full marks.

Q1) a)   Explain concept of hardware and software in detail.   **[8]**

   b)   Define primary memory. Explain different types of primary memory. **[8]**

Q2) a)   What is operating system? Explain different types of operating system.
                                                                                [8]

   b)   Convert decimal numbers into binary numbers   **[8]**
       i)   775
       ii)   125

Q3) a)   What is DOS? Write any four internal commands used in DOS.   **[8]**

   b)   What is secondary memory? Differentiate between primary and secondary
       memory.   **[8]**

Q4) a)   Write different computer languages and also explain features of good
       language.   **[8]**

   b)   Write in detail evolution of computer.   **[8]**

Q5) Write different applications of computer in various fields.   **[16]**

Q6) a) Convert binary into decimal number system [8]

    i)   11100011

    ii)   001111001

  b) Write and explain submenus in windows control panel. [8]

Q7) a) Discuss BCD and EBCDIC computer codes in detail. [8]

  b) What do you mean by output devices? Explain any two output devices in detail. [8]

Q8) Write short notes on (Any four) [16]

  a) Assembler

  b) Compiler

  c) Printer

  d) Hard Disk

  e) Optical Disc

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