END TERM EXAMINATION

FIRST SEMESTER [BBA] DEC.2014 – JAN.2015

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

Time: 3 Hours   Maximum Marks: 75

Note: Attempt any six questions including Q no.1 of section A which is compulsory. Select five question from section B.

SECTION-A

Q1   Answer **any five** from the following:-   (5x5=25)
(a) Distinguish between Software, Hardware and Firmware.
(b) Distinguish between Data and Information using examples.
(c) Distinguish between OCR, OMR and MICR.
(d) Distinguish between RAM, ROM, EPROM.
(e) What is the Start-up Sequence in 'Booting' of computer system? Explain.
(f) Contrast between Synchronous and Asynchronous transmission.
(g) What is Autocorrect feature in MS-word? Explain its use.

SECTION-B

Q2   (a) What is binary number system? How do you convert binary numbers into equivalent octal number systems? Explain.   **(5)**
(b) Subtract 677 from 770 in octal number system. Verify your answer.   **(5)**

Q3   (a) Explain the terms: Bus, Registers, Secondary memory, Cache memory in a computer system.   **(6)**
(b) Contract between Microcomputers and Mainframe computers.   **(4)**

Q4   (a) What is flash memory? What are its strengths over magnetic and optical storage?   **(5)**
(b) Explain the term 'BIOS'. What are its functions?   **(5)**

Q5   (a) Explain the concept of directory, subdirectory and files in an operating system.   **(5)**
(b) What is an operating system? Contrast between Multi-programming and Multiprocessing operating systems.   **(5)**

Q6   What is a computer network? What are its advantages? What are basic network topologies? Explain any one using a diagram.   **(10)**

Q7   Answer **any two** of the following:-   (5x2=10)
(a) Distinguish among Simplex, Hair Duplex and Full duplex transmission.
(b) Differentiate between Microwave and Fiber-optic cable transmission.
(c) What are the uses of spreadsheet for a business organization? Explain.

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