Q. 1. Explain briefly.
(a) What are the advantages and disadvantages of the computers?
(b) Differentiate between Primary Memory and Secondary Memory.
(c) Define Hardware, Software and Firmware.
(d) Define Client and Server.
(e) Define Intranet and Internet.  \(5 \times 3 = 15\)

Q. 2. (a) Define functions of computer system using block diagram.  \(7.5\)
(b) Do the following conversions.
   (i) \((400)_8 = (\ )_{10}\)
   (ii) \((10111000001)_2 = (\ )_{10},\)
   (iii) \((256)_{10} = (\ )_2\)  \(3 \times 2.5 = 7.5\)

OR
(a) What is an Operating System? Explain the functions of an Operating System.  \(7.5\)
(b) (i) \((10010)_2 \times (1010)_2\)
(ii) \((101010101)_2 + (1100001)_2\)
(iii) \((10111001)_2 - (1011011)_2\)  \(3 \times 2.5 = 7.5\)
Q. 3. (a) What is the difference between Analog and Digital Transmission?
   (b) Differentiate between Host and Terminal. \((7.5\times2=15)\)

OR

Q. 3. (a) Differentiate between RAM, ROM and EEPROM. \((10)\)
   (b) Differentiate between System software and Application software. \((5)\)

Q. 4. Write down the commands with suitable example:
   (i) To create directory
   (ii) To remove subdirectory
   (iii) To copy files
   (iv) To check the version of the Operating System
   (v) To compare two files \((5\times3=15)\)

OR

Q. 4. (a) Write steps to create Mail Merge?
   (b) Write down Five mathematical / Logical functions available in MS-Excel? \((2\times7.5=15)\)

Q. 5. (a) Write the steps to create the Folder in Windows.
   (b) Define Topologies. Explain any Two with diagram. \((2\times7.5=15)\)

OR

Q. 5. (a) Write the steps to create Bullet and Numbering in the document file.
   (b) Define all the types of alignment in the document. \((7.5\times2=15)\)
END TERM EXAMINATION

First Semester | BBA | December-2010

Paper Code: BBA/BBA(B&I)(TTM) 107
Subject: Computer Fundamental

Time: 3 Hours
Maximum Marks: 75

Note: Attempt all five questions. Internal choice is indicated.

Q1. (a) Illustrate Primary memory and Secondary memory with suitable example?
   (b) What do you mean by Operating System? Write various types of Operating System?
   (c) Multiply (1111)₂*(111)₂ using binary multiplication method.
   (d) Write the difference between OCR & OMR?
   (e) What do you mean by Input Output devices? Name any five input and output devices.

(5x3=15)

Q2. (a) Define functions of computers system using block diagram.
   (b) Do the following conversions
       (i) (100)₁₆=( )₈  (ii)(1011111111)₂=( )₁₀  (iii) (271)₈=( )₁₆.
       Or
       (a) What is the difference between Analog and Digital Transmission?
       (b) (i) (1010)₂ * (1010)₂
               (ii) (10101010)₂ +(110000)₂
               (iii) (1011100)₂ – (101100)₂

   (7.5x2=15)

Q3. (a) Write down the steps to create Mail Merge.
   (b) Differentiate between system software and application software?
       Or
       (a) Difference about LAN, MAN and WAN.
       (b) Differentiate between analog and digital computer?

(10)

Q4. Write the syntax of the following DOS commands with example:
   (a) VER  (b) CD  (c) MKDIR  (d) RD  (e)DEL
       (f) DISKCOPY  (g) LPRINT  (h) COMP  (i) DIR  (j) COPY
       Or
       (a) What is Topology” Explain any three types of topologies.
       (b) Differentiate between synchronous and Asynchronous Transmission.

(10x1.5=15)

Q5. (a) Differentiate between Internet and Intranet?
   (b) Differentiate between Host and Terminal Computer?
       Or
       (a) Differentiate between Machine Level and High Level Language.
       (b) Define search engine? Write the name of any three?

(7.5x2=15)