

END TERM EXAMINATION

FIRST SEMESTER [BBA] DECEMBER-2009

Paper Code: BBA107

Subject: Computer Fundamentals

Paper Id-17107

Time : 3 Hours

Maximum Marks :75

Note: Attempt all questions with internal choice as indicated.

- Q1 (a) What do you mean by the term software? Explain the difference between compiler and interpreter. (b) Divide $(100001)_2$ by $(110)_2$ using binary division method. (c) What is the difference between ROM, PROM and EPROM? (d) Explain simple batch system. (e) Write main features of optical fiber. **(5x3=15)**

- Q2 (a) What is computer? Discuss block diagram of a computer and explain the functions of various units of computer system. **(8)** (b) Classify the computer on the basis of processing speed and storage units. **(7)**

OR

- (a) Do the following conversions. **(3x2.5=7.5)**
 (i) $(225)_8 = ()_2$ (ii) $(2CD)_{16} = ()_2$ (iii) $(1100101101)_2 = ()_{10}$
 (b) Perform the following arithmetic operations (use complement method wherever required). **(3x2.5=7.5)**
 (i) $(1100)_2 * (1010)_2$ (ii) $(10111011)_2 - (110011)_2$ (iii) $(11110110)_2 + (110000)_2$

- Q3 (a) Discuss any five input devices. **(7.5)** (b) Discuss any five output devices. **(7.5)**

OR

- (a) Discuss primary and secondary memory in the computer system. **(7.5)** (b) Define secondary storage devices. What is the need of such devices? Discuss any two such devices. **(7.5)**

- Q4 (a) What is an operating system? Explain the functions of operating system. **(7.5)** (b) Explain the difference between multiprogramming and multiprocessing operating systems. **(7.5)**

OR

Write the syntax of the following commands with example:- **(10x1.5=15)**

- (i) DIR (ii) COPY (iii) COPY CON (iv) REN (v) DEL
 (vi) MD (vii) RD (viii) TREE (ix) VOL (x) SCANDISK

- Q5 (a) What do you mean by networking? Discuss the three major types of networks. **(7.5)** (b) What are the various modes of transmission? **(7.5)**

OR

- (a) What is the difference between workbook and worksheet? **(5)** (b) Write the steps to create mail merge. **(10)**