Subject Code—6890

M. Com. (First Year) EXAMINATION

(Main)

MC-107

COMPUTER APPLICATIONS IN BUSINESS

Time : 3 Hours   *Maximum Marks : 70*

Note : Attempt *Five* questions in all. Q. No. 1 is compulsory. All questions carry equal marks.

1. Explain the following concept of computer system :

   (a) What do you understand by digital computer ?

   (b) What is Range ? What is the use of range in spreadsheet ?

   (c) Define Master Files. Why are they required ?

(d) What do you understand by bandwidth ?

(e) Explain analog and digital signals.

(f) Define Primary Memory.

(g) What do you mean by I/O Devices ? List and *two* I/O devices.

(h) Explain the concept of data processing.

(i) Explain data hierarchy.

(j) Define Network Topology.

2. (a) Define Computer Language. Explain various categories of computer language with example.

(b) Differentiate between ROM and RAM.

3. What do you understand by file Organization ? Explain different types of file organization with their characteristics and limitations.

4. Define Operating System. Why is operating system essential for a computer system ? Differentiate between DOS and Windows Operating System.

5. Convert the following numbers from one number system to another number system :

Sl. No.	Number	Required Number
a	$(2468)_{10}$	$(A)_2$
b	$(110101)_2$	$(B)_8$
c	$(3456)_8$	$(C)_{16}$
d	$(BC1D)$	$(D)_{10}$

Find the value of A, B, C and D. Write all the steps of getting these answers.

6. (a) Define Word Processor. Explain its main features.

(b) What is Spreadsheet ? Explain any *three* functions usd in spreadsheet.

7. Define Network. What are the different types of network ? Differentiate between different types of network.

8. Write notes on the following :

(a) Indian Computing Environment

(b) Relevance of DBMS in Business.