Exam. Code : 108501
Subject Code : 2784

B.Com. Ist Semester

BCG–107 : COMPUTER FUNDAMENTALS

Time Allowed—3 Hours] [Maximum Marks—50

Note :— Attempt any **TEN** questions from Section A, any **TWO** questions from Section B and any **TWO** questions from Section C.

SECTION—A

1. (a) List any four storage devices.

   (b) What is a non impact printer ?

   (c) Why the process of starting a computer is called booting ?

   (d) List any two applications of computer in commercial sector.

   (e) What are the limitations of MS-DOS ?

   (f) Differentiate between primary and secondary storage.

   (g) Differentiate between hardware and software.

   (h) What is the role of modem in Internet ?

   (i) What are the major functions performed by the operating system ?

   (j) How a batch file can be invoked ?

   (k) Differentiate between plotter and printer.

   (l) What is the difference between Information and Data Processing ? 10×1=10

SECTION—B

2. Explain the different components of a computer with a neat labeled diagram.

3. Explain the characteristics and uses of workstation, mainframe and supercomputers in detail.

4. What is the difference between input device and output device ? Explain any two output devices.

5. Discuss in detail about various applications of computers.

$2 \times 10 = 20$

SECTION—C

6. Discuss in detail about the DOS internal and external commands. Give suitable examples.

7. What is an operating system ? Discuss various types of operating systems.

8. Differentiate between machine language, assembly language and high level language in detail with the help of suitable examples.

9. Write short notes on the following :

   (i) Batch files

   (ii) Types of software. $2 \times 10 = 20$