Roll No. 2309000022

BCA–C101

Bachelor of Computer Applications
(First Semester)
EXAMINATION, 2023-24
COMPUTER FUNDAMENTALS

Time : $2\frac{1}{2}$ *Hours*

Maximum Marks : 60

Note : All questions have to be attempted.

Section—A

1. Multiple choice questions : 1 each

   (a) First generation computers are made of :

   (CO1, BL-1)

   (i) Vacuum Tubes

   (ii) Transistors

   (iii) LSI

   (iv) VLSI

   (b) Formulas in Excel start with : (CO3, BL-3)

   (i) +

   (ii) %

   (iii) #

   (iv) =

(c) What is Landscape ?   (CO3, BL-2)

   (i)   Page Orientation

   (ii) Page Size

   (iii) A Font Style

   (iv) Page Layout

(d) If the storage unit can retain its data even when a power is turn off this unit is called : (CO1, BL-1)

   (i)   Volatile

   (ii) Non-volatile

   (iii) EPROM

   (iv) PROM

(e) Which command be used to clear the screen and display the operating system prompt on the first line of the display in MS-DOS ?   (CO3, BL-3)

   (i)   clear

   (ii) clrscr

   (iii) clear-screen

   (iv) cls

(f) MS-PowerPoint is software of :   (CO5, BL-2)

   (i)   Google

   (ii) Apple

   (iii) Android

   (iv) Microsoft

(g) BIOS is used :   (CO2, BL-4)

    (i) By Operating System

    (ii) By Compiler

    (iii) By Interpreter

    (iv) By Application Software

(h) Which of the following is the brain of the computer ?   (CO1, BL-5)

    (i) Central Processing Unit

    (ii) Memory

    (iii) Control Unit

    (iv) Arithmetic and Logical Unit

(i) Which of the following is MS-Office Suite's software program ?   (CO4, BL-5)

    (i) Microsoft Word

    (ii) Microsoft Excel

    (iii) Microsoft PowerPoint

    (iv) All of the above

(j) Which of the following is an input device ?

                              (CO1, BL-4)

    (i) Plotter

    (ii) Printer

    (iii) Mouse

    (iv) VDU

(k) Which command is used to delete the directory ?

(CO2, BL-2)

    (i)   Del *.*

    (ii)   RD

    (iii)   Erase

    (iv)   MD

(l)   A Presentation is saved with an extension :

(CO3, BL-1)

    (i)   .ppc/

    (ii)   .ppt/

    (iii)   .ppb/

    (iv)   .ppml

2. Attempt any *four* of the following (Short answer type questions) :   3 each

(a) Explain any *two* types of optical disk.

(CO1, BL-2)

(b) Differentiate between multithreading and multiprocessing operating system.   (CO2, BL-4)

(c) Discuss the various features of MS-PowerPoint.

(CO4, BL-2)

(d) What is the difference between a RAM and ROM ?

(CO5, BL-2)

(e) Define Header and Footer in MS-Word.

(CO3, BL-5)

Section—B

3. Attempt any *two* of the following :   6 each

   (a) Draw and explain block diagram of Computer System.   (CO1, BL-4)

   (b) Explain operating system. Discuss the various types of operating systems.   (CO2, BL-5)

   (c) How can we create the following in MS-Word ?

                                                  (CO3, BL-6)

       (i)   Water-Mark

       (ii) Table

       (iii) Border

4. Attempt any *two* of the following :   6 each

   (a) Explain any *ten* MS-DOS commands with its syntax.   (CO2, BL-1)

   (b) What is PCB block ? Explain with diagram.

                                                  (CO1, BL-2)

   (c) What is difference between Uniprogramming Memory Model and Multiprogramming Memory Model ? Explain with diagram.   (CO4, BL-2)

5.   Attempt any *two* of the following :   6 each

   (a) Explain all the generations of computers with technology used.   (CO1, BL-1)

   (b) How are charts useful in MS-Excel ? Explain formulas using in MS-Excel.   (CO4, BL-5)

   (c) Explain Memory and all types and sub-types of memory with diagram.   (CO3, BL-3)