**B.C.A. Part–I (Semester—I) (CBCS) Examination**

**1 BCA 1**

**FUNDAMENTALS OF COMPUTERS**

Time : Three Hours]                                              [Maximum Marks : 80

**Note :—** (1) **All** questions in Question No. **1** are compulsory.

(2) All other questions carry equal marks.

(3) Assume suitable data wherever necessary.

1.  (A) Choose the correct option for the following :

(1) Speed of computer is measured in :

(a) Nanoseconds                    (b) Kilo-seconds

(c) Gigahertz                         (d) Megabytes

(2) Which of the following is pointing device ?

(a) Plotter                            (b) Printer

(c) VDU                               (d) Mouse

(3) Which of the following is an example of operating system ?

(a) Antivirus                         (b) Windows

(c) MS-Office                        (d) Macro media

(4) Operating system is a collection of :

(a) Software routines              (b) Input-output device

(c) Hardware components        (d) All of the above

(5) Which of the following topology uses a root node ?

(a) Star                               (b) Tree

(c) Ring                               (d) Hybrid

(6) The term HTTP stands for :

(a) Hyper Terminal Tracing Program (b) Hyper Text Tracing Protocol

(c) Hyper Text Transfer Protocol    (d) Hyper Text Transfer Program

(7) Ctrl + N shortcut key is used in MS-Word to :

    (a) Save the document         (b) Open the document

    (c) Create a new document     (d) Close the document

(8) Which of the following is the default standard layout for presentation ?

    (a) Blank slide            (b) Title and contest slide

    (c) Title slide             (d) None of these

(9) A Doughnut chart in MS-Excel is similar to :

    (a) Bubble chart          (b) Bar chart

    (c) Scatter chart         (d) Pie chart

(10) Which of the following term is used to join selected cells into one cell in MS-Excel ?

    (a) Filter               (b) Wrap

    (c) Pivot               (d) Merge         10×1=10

(B) Fill in the blanks :

(1) Printer is a _____ device.

(2) _____ is used to keep the deleted files by Windows Operating System.

(3) _____ are set of rules that governs Data Communication.

(4) Microsoft Word is _____ software.

(5) In MS-Excel _____ text function is useful for combining values from different cells into a single cell.     5

(C) Answer the following in **one** sentence :

(1) Plotter is what type of device ?

(2) Which is the simple text editor that comes with Windows ?

(3) In networking terminology, what does ISDN stand for ?

(4) Which feature of MS-PowerPoint is used to apply visual effect to the slides ?

(5) Which feature of MS-Excel is used to summarize large amount of data ?     5

2. (A) State different input devices and explain any three input devices in detail.     8

   (B) Explain various applications of computers.     4

**OR**

3. (A) Classify computer memory and explain main memory of computer in detail. 8

   (B) Differentiate between impact and non-impact printers. Explain one from each. 4

4. (A) Describe Windows control panel in detail by giving its outline. 8

   (B) Explain the functions of operating system. 4

**OR**

5. (A) Explain operating system with its functions. Also explain the types of operating systems. 8

   (B) Explain the following in short :

   (1) Notepad

   (2) Calculator. 4

6. (A) State and explain different types of Internet Connections in detail. 8

   (B) Discuss Computer Networking and explain LAN Network. 4

**OR**

7. (A) Explain WWW and discuss different types of Internet Protocols in detail. 8

   (B) Explain advantages of Computer Networking. 4

8. (A) Explain text formatting in MS-Word in detail. 8

   (B) Explain MS-PowerPoint along with its features and uses. 4

**OR**

9. (A) State and explain different types of animations effects and slide transitions in MS-PowerPoint.

   8

   (B) Explain the procedure of applying bullet and numbering in MS-Word. 4

10. (A) Explain in detail, data validations along with its types in MS-Excel. 8

    (B) Explain Pivot tables in brief. 4

**OR**

11. (A) Describe various types of charts in MS-Excel. 8

    (B) Explain in brief :

    (1) Autofill

    (2) Sorting. 4