First Year B.C.A (Semester - I) Examination
Paper - 15BCA101
Computer Fundamental And Operating System

Time : Three hours]   [Full Marks - 60

N.B. :   i)   All questions carry equal marks

     ii)   Due credit will be given to neatness & adequate dimensions.

     iii)   Illustrate your answer with the help of neat sketches, wherever necessary.

     iv)   Use Blue/Black ink/refill only for writing the answer book.

Q.1   a)   Solve the following using correct option.   5

     i)   ASCII stands for _____

       1)   All symbolic code for Interchange Information

       2)   American standard code for Information Interchange

       3)   American Symbol code for Indian Information

       4)   An Symbolic character Indian Information

     ii)   _____ is not an input device.

       1)   Keyboard   2)   Mouse

       3)   Monitor   4)   None of these

     iii)   Web Browser and spreadsheets are the examples of _____

       1)   Application software   2)   System software

       3)   Assembler   4)   All of these

     iv)   _____ is an External DOS command.

       1)   CD   2)   DIR

       3)   DATE   4)   X copy

     v)   _____ is called Dust-Bin of computer.

       1)   My Computer   2)   Recycle Bin

       3)   My Document   4)   Internet Explorer

Q.2 a) What is Computer ? Explain types of computer.   5
     b) Explain secondary Memory with its different types.   6

<div align="center">OR</div>

Q.3 a) Draw and explain block diagram of computer in
         detail.   6
     b) Explain generation of computer in detail.   5

Q.4 a) Explain printer with its different types in detail.   6
     b) Explain MICR and OCR in detail.   5

<div align="center">OR</div>

Q.5 a) Enlist and explain any two output devices of computer
         in detail.   6
     b) Write any five difference between floppy disk and
         hard disk.   5

Q.6 a) What is Software ? Explain system and utility
         software in detail.   6
     b) Explain Multiprogramming O.S. and multitasking
         O.S. in detail.   5

<div align="center">OR</div>

Q.7 a) What is Operating System ? Explain Batch and
         Real Time Operating System in detail.   5
     b) Explain :-   6
         i) Assembler   ii) Interpreter   iii) Compiler

Q.8 a) Explain :-   5
         i) Booting Process   ii) FAT
     b) Explain following commands with meaning, syntax,
         example and output.   6
         i) MD   ii) COPYCON   iii) FORMAT

<div align="center">OR</div>

Q.9 a) Explain directory structure in detail.   5
     b) Explain ATTRIB and CHKDSK commands with
         Meaning, Syntax, example and Output   6

Q.10 a) Write short note on.   6
          i) Notepad   ii) Paint   iii) Calculator
      b) Explain any five features of windows.   5

<div align="center">OR</div>

Q.11 a) Explain the use of My computer and control
          pannel.   5
      b) Explain Copying and Deleting operations on files
          and folders.   6

<div align="center">******</div>