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

Q.1   a)   Choose correct alternative.   5
      i)   RAM stands for
          1)   Random Auxiliary Memory
          2)   Read Access Memory
          3)   Read Arrange Memory
          4)   Random Access Memory
      ii)   SCANNER is _____ Device
          1)   Input   2)   Output
          3)   Input/Output   4)   Memory
      iii)   Opeating system is
          1)   Software   2)   Hardware
          3)   Software/Hardware   4)   Memory
      iv)   DOS stands for
          1)   Disk Optical System
          2)   Disk Operator System
          3)   Disk Operating System
          4)   Disk Operating Software
      v)   Paint is
          1)   Hardware   2)   Operating System
          3)   Compiler   4)   Accessories

Q.2 a) Define Computer and explain its five characteristics. 6
b) Explain types of computer in details. 5

OR

Q.3 a) Draw and explain the block diagram of computer. 6
b) Explain Primary Memory with its types in detail. 5

Q.4 a) State Input device & explain any three input device in detail. 6
b) Explain Compact Disc with their types in detail. 5

OR

Q.5 a) State Printer and explain function and working of following printer. 6
i) Laser Printer ii) Inkjet Printer
b) Draw well labelled diagram of FLOOPY DISK & explain in detail. 5

Q.6 a) Explain Compiler, Interpreter, Assembler in detail. 6
b) What is Operating System ? Explain functions of operating system. 5

OR

Q.7 a) Explain Batch O.S. and Multiprogramming O.S. with proper example in detail. 6
b) Real time O.S. and Online O.S. with proper example in detail. 5

Q.8 a) What is DOS ? Explain with its Five features. 6
b) Explain booting process with their types. 5

OR

Q.9 a) Explain any Three Internal DOS Commands with syntax & example. 6
b) Explain any Two External DOS Commands with syntax & example. 5

Q.10 a) Explain following terms :- 6
i) My Computer ii) My Document
iii) Recycle bin iv) Control Panel
b) Write stepwise procedure for creating, moving, deleting icons. 5

OR

Q.11 a) Write stepwise procedure for creating shortcut, copying, renaming files or folders. 6
b) Write any Five features of windows. 5

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