

- Q.15 Define computer memory. Discuss five types of computer memories with example.
- Q.16 Discuss six features of any word processing software.
- Q.17 Write any six characteristics of computer system.
- Q.18 Define a flowchart. Draw various symbols used in designing a flow chart.

SECTION-C

Note: Long answer type questions. Attempt any one question out of two questions. $(10 \times 1 = 10)$

- Q.19 Define Input and Output Devices in a computer system. Explain any five input and five output devices with a neat and clean diagram
- Q.20 Write a short on following (Any two)
- Coupling and Cohesion
 - Top Down and Bottom-up Approach
 - Supercomputer and personal computer.

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DVOC (Level 5)
Sem 1st / Software Development
Subject : IT foundations & Programming Concepts

Time : 2 Hrs. M.M. : 50

SECTION-A

Note: Very short answer type questions . Attempt all ten question $(10 \times 1 = 10)$

- Q.1 Which of the following retains the information it's storing when the power to the system is turned off?
- CPU
 - ROM
 - RAM
 - DIMM
- Q.2 The smallest unit in a digital system is a _____
- Bit
 - Byte
 - Character
 - Kilobyte
- Q.3 “www” stands for :
- World Wide Web
 - World Wide Wares
 - World Wide Wait
 - World Wide War

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- Q.4 Add, subtract, Multiple and logic operations in a computer are performed by
a) Memory
b) Control unit
c) ALU
d) None of the above
- Q.5 Main memory is
a) Volatile
b) Non-Volatile
c) Both (a) and (b)
d) None of the above
- Q.6 Processor is fixed on the
a) Fan
b) Chipboard
c) Motherboard
d) Expansion slot
- Q.7 The _____ provides pictorial representation of given problem.
a) Algorithm
b) Flowchart
c) Pseudocode
d) None of the above
- Q.8 Which of the following is a definition of compiler?
a) Conversion of a program written in a high-level language to machine language and produces an object program.
b) Program is put into memory and executes it
c) Translation of assembly language into machine language
d) None of the mentioned

- Q.9 _____ is a measure of the degree of interdependence between modules.
a) Cohesion
b) Coupling
c) None of the mentioned
d) All of the mentioned
- Q.10 Which device allows you to enter data and instructions into a computer?
a) Input device
b) output device
c) ALU
d) CPU

SECTION-B

- Note:** Short answer type questions. Attempt any six questions out of Eight questions. $(6 \times 5 = 30)$
- Q.11 Define software classify various types of software with examples.
- Q.12 Define computer Networks. Briefly discuss various types of computer Networks.
- Q.13 Briefly explain five features of Email software's. Also give example of E-mail service providers.
- Q.14 Give the applications of Information Technology in minimum five fields.