

GST103 (Computer Fundamentals)

A nibble consists _____ bit(s)

- a. 8
- b. **4**
- c. 2
- d. 1

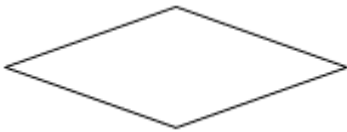
Answer: B

_____ allows individuals to use personal computers for storing and retrieving their personal information?

- a. Animation package
- b. Graphics package
- c. **Personal assistance package**
- d. Spreadsheet package

Answer: C

In a flowchart the following symbol denotes ____



- a. I/O
- b. **Decision**
- c. Initialization
- d. Initiation

Answer: B

_____ is the smallest unit of data in the computer.

- a. KB
- b. Nibble
- c. **Bit**
- d. Byte

Answer: C

An algorithm written in the form of a programming language is called ____

- a. Pseudo code
- b. Syntax
- c. Flowchart
- d. **Program**

Answer: D

Algorithms can be represented as _____

- a. **All of the options**
- b. flowcharts
- c. pseudo codes
- d. programs

Answer: A

In ____ technique, dumb terminals are connected to a central computer system.

- a. Message passing
- b. User Environment
- c. Batch Environment
- d. **Time Sharing**

Answer: D

_____ is a characteristic of a computer

- a. Versatility
- b. Accuracy
- c. **All of the options**
- d. Diligence

Answer: C

A flowchart that outlines the main segments of a program

- a. Micro
- b. Queue
- c. Union
- d. **Macro**

Answer: D

_____ is the 'heart' of the processor that performs many different operations.

- a. Memory
- b. Control Unit
- c. **Arithmetic and logic unit**
- d. Motherboard

Answer: C

What is the correct syntax of for statement?

- a. **for(initialization;condition;update)**
- b. for(initialization,condition,update)
- c. for(condition;initialization;update)
- d. for(initialization;condition;)

Answer: A

The ALU gives the output of the operations and the output is stored in the _____

- a. **Registers**
- b. Flags
- c. Output Unit
- d. Memory Devices

Answer: A

Assembler is used as a translator for ____.

- a. **Low level language**
- b. C
- c. High Level Language
- d. COBOL

Answer: A

In Assembly language, each byte of character is stored as its ASCII value in _____

- a. Octal
- b. Decimal
- c. **Hexadecimal**
- d. Binary

Answer: C

Which of the following is a component of a machine language program instruction?

- a. heading code
- b. **Operands**
- c. orders
- d. operators code

Answer: B

_____ statement is used to close the IF block.

- a. ELSEIF
- b. **ENDIF**
- c. ELSE
- d. END

Answer: B

Among the following which is not a database management software

- a. Oracle
- b. Sybase
- c. **COBOL**
- d. MySQL

Answer: C

Which of the following symbols is used for grouping?

- a. ()
- b. " "
- c. []
- d. {}

Answer: A

Which of the following is a loop statement?

- a. DO
- b. **WHILE**
- c. ELSE
- d. IF

Answer: B

Dbase III is?

- a. Hardware
- b. **application software**
- c. operating system
- d. Firmware

Answer: B

Which of the following is NOT performed by utility software?

- a. Copying from a hard disk to CD
- b. Updating common data
- c. Makes an exact copy of a file from one medium to another
- d. **None of the options**

Answer: D

Which of the following is not a networking device?

- a. **Traffic analyzer**
- b. Router
- c. Switch
- d. Bridge

Answer: A

_____ is an advantage of Program documentation?

- a. It provides all necessary information for anyone who comes in contact with the program
- b. **All of the options**
- c. It provides operating instructions to the computer operator
- d. It provides information as to the use of the program to those unfamiliar with it.

Answer: B

_____ are the broad components of the computer system.

- a. Hardware and software.
- b. Operating System and User
- c. Software and malware
- d. Hardware and human ware

Answer: A

Which of the following is a components of the I/O system.

- a. **All of the options**
- b. A buffer caching system
- c. Drivers for specific hardware devices.
- d. A general device driver code

Answer: A

Which of the following operations is copying from a hard disk to a flash is an example of?

- a. Housekeeping operations
- b. **File copy operations**
- c. File moving operations
- d. File conversion operations

Answer: B

The process of producing useful information for the user is called _____.

- a. Processing
- b. **Outputting**
- c. Controlling
- d. Inputting

Answer: B

_____ characteristic describes the nature of a virus.

- a. **All of the options**
- b. Stealth
- c. Polymorphic
- d. Non-memory resident

Answer: A

In Microsoft Excel, text entries are _____ aligned by default.

- a. Anyhow
- b. **Left**
- c. Right
- d. Center

Answer: B

_____ is a disadvantage of Personal Computers

- a. Faster speed for processing data.
- b. **Attending to a single job at a time.**
- c. Dealing with several data at a time
- d. Versatility.

Answer: B

_____ provide internal storage to the CPU.

- a. **Registers**
- b. Controllers
- c. Program Counters
- d. Internal chips

Answer: A

_____ is a technique that marked the beginning of computer communications?

- a. Batch Environment
- b. **Time Sharing**
- c. User Environment
- d. Message passing

Answer: B

The full meaning of PCI is _____

- a. Peripheral Component Interaction
- b. **Peripheral Component Interconnect**
- c. Partial Component Interaction
- d. Partial Component Interconnect

Answer: B

The output of ____ is single or multiple coloured images and drawings.

- a. VDUs
- b. Printers
- c. Monitors
- d. **Plotters**

Answer: D

_____ is a specific instruction designed to perform a task.

- a. **Command**
- b. Instruction
- c. Task
- d. Process

Answer: A

_____ storage is non-volatile

- a. **Secondary**
- b. Cache
- c. Primary
- d. Backup

Answer: A

_____ Characteristic often draws the line between what is feasible and what is impossible.

- a. Performance
- b. System Evaluation
- c. Modularity
- d. Reliability

Answer: A

The acronym VDU stands for _____.

- a. Virtual Detection Unit
- b. **Visual Display Unit**
- c. Virtual Display Unit
- d. Visual Detection Unit

Answer: B

Computer word size is a multiple of _____ bits

- a. 1024 bits Instruction
- b. 4 bits
- c. **16 bits**
- d. 10 bits

Answer: C

_____ is a directed graph that describes the flow of execution control of the program.

- a. Flow graph
- b. **Flowchart**
- c. Complexity curve
- d. Algorithm

Answer: B

Which of the following is an extension of image file?

- a. .vdf
- b. .mkv
- c. .txt
- d. **.gif**

Answer: D

In programming, _____ is the rules that give meaning to the instructions.

- a. **Semantics**
- b. Cases
- c. Code
- d. Syntax

Answer: A

_____ is capable of recognizing a pre-specified type of mark by pencil or pen.

- a. Winchester
- b. Bar code reader
- c. Image Scanner
- d. **OMR**

Answer: D

A person who designs the programs in a software package is called ____

- a. **System Developer**
- b. System Programmer
- c. Software Manager
- d. User

Answer: A

_____ time depends on the input

- a. Evaluation
- b. Process
- c. Input
- d. **Running**

Answer: D

Which of the following is a function of the Input Unit?

- a. All of the options
- b. It reads instructions and data from the outside world
- c. **It converts the data into computer acceptable format**
- d. It supplies the data and instructions to the computer for further processing

Answer: C

Which of the following devices enable direct data entry into a computer system from source documents?

- a. **Data Scanning**
- b. Data retrieving
- c. System Access
- d. Data acquiring

Answer: A

Computer memory is measured in _____

- a. **Bytes**
- b. Cells
- c. Units
- d. Bits

Answer: A

Which of the following is not a type of computer code?

- a. BCD
- b. EBCDIC
- c. ASCII
- d. **EDIC**

Answer: D

The low level languages are, generally, referred to as ____ Generation (computer) Language.

- a. First
- b. **Second**
- c. Fourth
- d. Third

Answer: B

Which of the following statements about personal computers is TRUE?

- a. Can be used to calculate budget and accounting tasks
- b. It can analyze numeric function
- c. Can be used to produce documents like memos, reports, letters and briefs.
- d. **All of the options**

Answer: D

Keep the statement language _____ while writing a pseudo code.

- a. **Independent**
- b. Case sensitive
- c. Dependent
- d. Capitalized

Answer: A

_____ is contained in an operator's manual

- a. Message that may be printed on the console and their meanings.
- b. **All of the options**
- c. Setup and take down instruction for files
- d. Instructions about starting, running and terminating the program.

Answer: B

The language that allows the programmer to take advantage of all the features and capabilities of the computer system for which it was designed is ____.

- a. Procedural
- b. All of the options
- c. **Machine**
- d. Functional

Answer: C

Which of the following is part of the Problem definition step?

- a. Source of request for the program
- b. **All of the options**
- c. Objectives of the program
- d. Person/official authorizing the request

Answer: B

Which of the following operations is copying from a hard disk to a flash is an example of?

- a. Housekeeping operations
- b. File conversion operations
- c. File moving operations
- d. **File copy operations**

Answer: D

Which of the following is essential to writing of good programs?

- a. **All of the options**
- b. decision tables
- c. Flowcharts
- d. Algorithms

Answer: A