CSE 100

PRACTICE QUESTIONS & ANSWERS

DISCLAIMER!!!

The contents of this book is extracted from a previously shared android application, CSE100.apk. Therefore, these have not been falsely obtained and the credits is due to the developer of the application.

The android application, script, and steps involved in the extraction of the contents of this book can be found at https://github.com/sawzeeyy/CSE100.

This book was written due to the complaints, inconsistencies, and lack of support on the application. And is deemed **NOT FOR SALE**.

Please note that the images in the app (if any) are not included so as to keep this as small as possible. And there are questions with multiple answers, master these at your discretion.

I wish you success in your exams.

./Sawzeeyy

Question 1
(False AND (True OR True) AND (False OR True)) AND False

(a) False [Answer]
(b) True

Question 2
(False AND (True OR True) AND (False OR True)) OR True

(a) False
(b) True [Answer]
(c) Not (True)
(d) All of the Above

Question 3
(False AND (True OR True) AND (False OR True)) OR True

(a) False
(b) True [Answer]
(c) Not (True)
(d) All of the Above

Question 4
.... allow people to communicate with the computer

(a) Machine Language
(b) Operating System
(c) A programming Language [Answer]
(d) All of the above

Question 5
.... informs the computer what to do

(a) Operands
(b) Data
(c) Operation Code [Answer]
(d) Symbols

Question 6
.... is a Subrange data type

(a) A subset of contiguous, ordered data types.
(b) A set of contiguous unordered data set.
(c) A subset of contiguous, ordered data. [Answer]
(d) All of the above

Question 7
.... is used to decide if an expression will be True or False

(a) Logical Operation [Answer]
(b) Laudable Operation
(c) Programming Operation
(d) All of the above

Question 8
.... tells the computer the data items involved in an operation

(a) Program
(b) Operation code
(c) Operation
(d) Operand [Answer]

Question 9
......is a dangerous progam that hide itself within other seemingly harmless programs

(a) Logic Bomb
(b) Trojan horses [Answer]
(c) Virus
(d) A and C

Question 10
......is a type of threat to a computer or its network

(a) spyware
(b) viruses
(c) worms
(d) All of the above [Answer]

Question 11
.....is the suites of programs that translate other programming languages to machine language

(a) Translator [Answer]
(b) Compiler
(c) Assembler
(d) Interpreter

Question 12
1 Kilobyte is equal to

(a) 1000 bytes
(b) 1014 bytes
(c) 1012 bytes
(d) 1024 bytes [Answer]

Question 13
The computer is an _____ device

(a) electronic
(b) electrical
(c) electro-mechanical
(d) chemical
(e) BASIC

Question 14
Identify the output devices among the following

(a) Printer
(b) Speakers
(c) Microphone
(d) Keyboard

Question 15
Hardware components in the figure above is acronymed as
PS: Image not found

(a) CPU [Answer]
(b) Processor
(c) Central Processing Unit
(d) PCU

Question 16
Computers can be classified based on the following except

(a) signal type
(b) purpose
(c) capacity
(d) environment
(e) user

Question 17
[Basic Operations of a computer]
I, II and III in the figure above are _____, _____ and _____ units
PS: Image not found

(a) input, output and control [Answer]
(b) output, control, and input
(c) input, control and output
(d) memory, arithmetic and control

Question 18
3 kilobyte is equivalent to

(a) 3612 bytes
(b) 3000 bytes
(c) Symbolic form
(d) 3072 bytes [Answer]

Question 19
A network bridge is a network device that

(a) Connects multiple network segments [Answer]
(b) Isolates network segments
(c) Removes network segment
(d) Duplicates network segments

Question 20
A step by step procedure used to solve a problem is called

(a) Operating system
(b) Algorithm [Answer]
(c) Application Program
(d) None of the above

Question 21
A .... constant consists of a sequence of characters enclosed within a quotation mark

(a) string [Answer]
(b) variable
(c) numeric
(d) character

Question 22
A .... variable is usually represented by an alphabet followed by a dollar sign

(a) string [Answer]
(b) variable
(c) numeric
(d) character

Question 23
A .... constant is one that is formed by a sequence of digits and may include a decimal point

(a) string
(b) variable
(c) numeric [Answer]
(d) character

Question 24
A bit is an acronym for

(a) Bitmap Image Translator
(b) Binary Image Translator
(c) Binary Integer Translator
(d) Binary Digit [Answer]

Question 25
A characteristic of card system is

(a) slowness in processing data
(b) using cards as records of transactions
(c) needing a larger data staff
(d) All of these [Answer]

Question 26
A circle shape represents what function in a flowchart?

(a) start or stop
(b) connector between flowcharts that extends over one page [Answer]
(c) decision making
(d) direction of travel

Question 27
A common topology to any network is _____topology

(a) Bus
(b) Star [Answer]
(c) Tree
(d) Ring

Question 28
A compiler translates

(a) high level language into low level language
(b) high level language into machine language [Answer]
(c) Low Level Language into High level language
(d) very high level language into machine language

Question 29
A computer cannot boot if it does not have the

(a) Compiler
(b) Loader
(c) Operating system [Answer]
(d) Assembler

Question 30
A computer instruction has the following two parts

(a) Variable and Instruction
(b) Operand (s) and Operation code [Answer]
(c) Operation code and Program
(d) None of the above

Question 31
A computer is

(a) An electronic machine that accepts data, processes information and give output
(b) An electronic device that accepts and processes data and outputs information [Answer]
(c) An electronic machine that accepts data as input and gives information as output
(d) An electronic device that accepts information and processes it to give output

Question 32
A computer provides computing services to several users sharing the system resources concurrently in a

(a) Real Time Operating System
(b) Multisharing System
(c) Resource Sharing System
(d) Networked Computing System
(e) Time Sharing Operating System [Answer]

Question 33
A conditional branch instruction will cause the computer to branch to a statement only when certain conditions exist?

(a) true [Answer]
(b) false

Question 34
A destructive program that disguised itself as an harmless piece of software is called _____?

(a) Computer Viruses
(b) Worms
(c) Malware
(d) Trojan horse [Answer]

Question 35
A file can be defined as a collection of related .... defined by its creator

(a) Data
(b) Program
(c) Information [Answer]
(d) None of the above

Question 36
A file server stands at the centre of most computer networks. Which of the following (if any) would normally be a function of a file server within a computer network?

(a) Store and manage data files and software [Answer]
(b) Manage the use and availability of shared resources
(c) Provide network users with data, information and access to other network resources
(d) All of the above.

Question 37
A finite step-by-step procedure to achieve a required result is

(a) Flowchart
(b) Algorithm [Answer]
(c) procedure
(d) programchart

Question 38
A floppy disk contains

(a) Circular tracks only
(b) Sectors only
(c) Both circular tracks and sectors [Answer]
(d) None of the above

Question 39
A flowchart begins with the word ...

(a) Begin
(b) Start [Answer]
(c) Do
(d) Move

Question 40
A flowchart terminates with the word ...

(a) finish
(b) halt
(c) end
(d) stop [Answer]

Question 41
A group of programs that provides routines that handle the intricate details of input/output programming is called

(a) Operating System handler
(b) I/O handler
(c) Operating System [Answer]
(d) Routine handler

Question 42
A group of program that takes care of device and storage allocation is known as

(a) Storage Allocator
(b) Device Management Program
(c) Operating System [Answer]
(d) Device and Storage Manager

Question 43
A high level language built on one computer can run on a variety of computers.

(a) true [Answer]
(b) false

Question 44
A kite or inclined square shape represents what function in a flowchart?

(a) start or stop
(b) connector between flowcharts that extends over one page
(c) decision making [Answer]
(d) direction of travel

Question 45
A language translator that converts a source program code into the equivalent object code one after the other is known as

(a) machine language
(b) compiler
(c) interpreter [Answer]
(d) all of the above

Question 46
A list of coded instructions needed to solve a computational task is called

(a) algorithm
(b) computer program [Answer]
(c) pseudocode
(d) coded instructions

Question 47
a logical operator whose output is only true when both inputs are true is

(a) NAND
(b) AND [Answer]
(c) NOT
(d) OR

Question 48
A machine language is also known as

(a) First National Language
(b) Second National Language
(c) First Generation Language [Answer]
(d) Second Generation Language

Question 49
A machine language program does not allow the programmer to take advantage of all the features and capabilities of the coomputer system for which it was designed.

(a) true
(b) false [Answer]

Question 50
A network architecture in which each workstation (or PC) within the network has equivalent responsibilities and capabilities is normally known as

(a) a client-server network.
(b) a wide area network (WAN).
(c) a local area network (LAN). [Answer]
(d) a peer-to-peer network.

Question 51
A network bridge is a network device that

(a) Connects multiple network segments [Answer]
(b) Isolates network segments
(c) Removes network segment
(d) Duplicates network segments

Question 52
A number of invisible concentric circles in a magnetic disk are called

(a) Compactments
(b) Cells
(c) Tracks [Answer]
(d) Scales

Question 53
A parallelogram box in flowchart indicates

(a) Decision
(b) Input/output [Answer]
(c) Connector
(d) Process

Question 54
A parallelogram shape represents what function in a flowchart

(a) start or stop
(b) input or output [Answer]
(c) decision making
(d) processing block

Question 55
A Program designed to convert general purpose computer into a tool for a specific task is called

(a) System program
(b) Application program [Answer]
(c) Utility program
(d) Specific program

Question 56
A program is effectively tested when tested with three (3) kinds of data EXCEPT :

(a) valid input data
(b) valid but slightly abnormal input data
(c) Invalid input data
(d) numerical input data [Answer]

Question 57
A program that accepts program from a source language, reads, translates and executes it, line by line into machine language is known as

(a) Converters
(b) Translators
(c) Compilers
(d) Interpreters [Answer]

Question 58
A program that assists computer users to write their own programs by expanding simple statements into program code is called

(a) Program Assistance
(b) Program generator [Answer]
(c) Program Counter
(d) Program Helper

Question 59
A program written in Assembly language is translated into machine language with

(a) Interpreter
(b) Assembler [Answer]
(c) Compiler
(d) Editor

Question 60
A Program written in C language is called

(a) C Code
(b) Source C
(c) Source Program [Answer]
(d) Language Code

Question 61
A programming Language

(a) Allow people to communicate with the computer [Answer]
(b) Allow People to communicate with people
(c) Allow Computer to communicate with other devices
(d) All of the above

Question 62
A programming language allow a Computer Programmer to

(a) Lock the activities of the computer
(b) Direct the activities of the computer [Answer]
(c) Clean Viruses in the computer
(d) None of the above

Question 63
A programming Language does not

(a) Allow people to communicate with the computer
(b) Allow People to communicate with people
(c) Allow Computer to communicate with other devices
(d) None of the above [Answer]

Question 64
A quantity in a computer program which can change its value during program execution is called

(a) constant
(b) variable [Answer]
(c) string
(d) integer

Question 65
A quantity in a computer program which does not change its value during the execution of the program is called a

(a) variable
(b) character
(c) number
(d) constant [Answer]

Question 66
A quantity in a computer program which may change its value during the execution of the program is called a

(a) variable [Answer]
(b) character
(c) number
(d) constant

Question 67
A quantity that changes value during program execution is

(a) Constant
(b) Variable [Answer]
(c) Expression
(d) Operand

Question 68
A quantity that does not change its value during program execution is

(a) Variable
(b) Constant [Answer]
(c) Expression
(d) Operand

Question 69
A READ statement will always have a DATA statement along with it

(a) false
(b) true [Answer]
(c) i don't know
(d) all of the options

Question 70
A rectangular box in flowchart stands for

(a) Decision
(b) Process [Answer]
(c) Input
(d) Output

Question 71
A rectangular shape represents what function in a flowchart?

(a) start or stop
(b) processing block [Answer]
(c) decision making
(d) direction of travel

Question 72
A secondary goal of an operating system is

(a) Speed
(b) Convenience
(c) Accuracy
(d) Efficiency [Answer]

Question 73
A style of internal organization of the CPU is known as

(a) CISC technology
(b) RISC technology [Answer]
(c) CPU structure technology
(d) Internal technology

Question 74
A system that allows more than one active user program to be stored in main memory simultaneously is known as

(a) Multiprocessing system
(b) Multiprogramming system [Answer]
(c) Multistoring System
(d) Multiuser system
(e) Batch processing system

Question 75
Accessibility is fastest in

(a) ROM
(b) CACHE [Answer]
(c) RAM
(d) Auxilliary
(e) PROM

Question 76
Actual execution of instructions in a computer takes place in

(a) ALU
(b) Control Unit [Answer]
(c) Storage unit
(d) None of the above

Question 77
Algorithm was named after the ninth century scholar called

(a) Muhammad Al-Khawarizm [Answer]
(b) Abu Jafar Al-Kauthar
(c) Musa Al-Garidim
(d) Muhammad Ibn Sinia

Question 78
All are characteristics of a good program except

(a) Accuracy
(b) Fluency [Answer]
(c) Robustness
(d) Readability

Question 79
All are documents produced at the problem definition stage of program development except

(a) List of official authorizing the request
(b) A clear statement of the problem
(c) Objectives of the program
(d) List of programming aids [Answer]

Question 80
All are examples of documents produced at the solution planning stage except

(a) Program source code sheet
(b) Operator manual
(c) User manual
(d) Objectives of the program [Answer]

Question 81
All are keywords in BASIC except

(a) End
(b) B$ [Answer]
(c) Read
(d) Goto

Question 82
All are Stages in Programming except

(a) Problem Creation [Answer]
(b) Solution Planning
(c) Coding
(d) Algorithm Preparation

Question 83
All are Stages in Progrmming except

(a) Problem Creation [Answer]
(b) Solution Planning
(c) Coding
(d) Algorithm Preparation

Question 84
All are types of programming language except

(a) Assembly language
(b) Very low level language [Answer]
(c) very high level language
(d) machine language

Question 85
All of the following are database packages except

(a) Dbase II
(b) SQLbase IV [Answer]
(c) Microsoft Access
(d) Paradox III
(e) Oracle

Question 86
All of the following are false EXCEPT

(a) Computer hardware is driven by the users
(b) Computer software is driven by the hardware
(c) Computer hardware is driven by the software [Answer]
(d) Operating system is driven by the application program
(e) Application programs are developed using system compilers

Question 87
All of these are types of computers except

(a) software [Answer]
(b) analog
(c) digital
(d) hybrid

Question 88
All these are basic concepts important to the people in information security except _____?

(a) Theft [Answer]
(b) Non-repudiation
(c) Authentication
(d) Authorization

Question 89
All these are input devices except

(a) Keyboard
(b) Scanner
(c) Printer [Answer]
(d) Mouse

Question 90
All these are the basic components important to information in a computer security except _____?

(a) Confidentiality
(b) Availability
(c) Corruption [Answer]
(d) Integrity

Question 91
An advantage of a distributed word processing network is

(a) increased number of reports handled
(b) less delay in inter-office communications [Answer]
(c) greater corporate control over outputs
(d) All of these

Question 92
An algorithm must, as a characteristic

(a) be general [Answer]
(b) be lengthy
(c) be short
(d) live long

Question 93
An algorithm to find the product of three arbitrary numbers will NOT contain the following statement.

(a) Input the three numbers A,B,C
(b) Let sum= A+B+C [Answer]
(c) Let sum= A*B*C
(d) Output sum

Question 94
An arrow symbol represents what function in a flowchart

(a) start or stop
(b) connector between flowcharts that extends over one page
(c) decision making
(d) direction of travel [Answer]

Question 95
An Assembler is a software program that translates

(a) translates machine language into assembly language
(b) translates high level language into machine language
(c) translates low level language into machine language [Answer]
(d) translates assembly language into high level language

Question 96
An assembly language is computer independent.

(a) true
(b) false [Answer]

Question 97
An Assembly language program developed and run on IBM computers will work perfectly on ICL computers.

(a) true
(b) false [Answer]

Question 98
An example of a mechanical device is:

(a) NIPCO Mech
(b) Marchant Calculator [Answer]
(c) Abaccus IV
(d) UNIVAC

Question 99
An example of a Translator is a

(a) Firmware
(b) Peopleware
(c) Compiler [Answer]
(d) software

Question 100
An example of an all-purpose high level programming language is

(a) Cobol
(b) Algol
(c) ForTran
(d) BASIC [Answer]

Question 101
An example of an Output statement in BASIC Language is

(a) PRINT Statement [Answer]
(b) LET Statement
(c) END Statement
(d) DATA Statement

Question 102
An example of document produced at the solution planning stage is

(a) List of official authorizing the request
(b) A clear statement of the problem
(c) Objectives of the program
(d) Program narrative [Answer]

Question 103
An example of programming tools is

(a) Microsoft powerpoint
(b) Debuggers [Answer]
(c) Spreadsheet
(d) Word processor

Question 104
An input instruction directs the computer to ... data

(a) move
(b) dispense
(c) process
(d) accept [Answer]

Question 105
An input or output instruction does the following EXCEPT:

(a) accepts data from a specific input device
(b) stores data in a specific location
(c) alter the sequence of program execution [Answer]
(d) record data on an output medium

Question 106
An operating system can be tagged as

(a) A central operation processing program
(b) A control program [Answer]
(c) Operational symbolic control system
(d) A specific-purpose computers

Question 107
An operating system can be viewed as

(a) A resource allocator
(b) A memory manager
(c) An interface between the user and the hardware
(d) All of the above [Answer]

Question 108
An organized collection of data is known as

(a) File
(b) Information
(c) Database [Answer]
(d) Folder

Question 109
An oval shape represents what function in a flowchart?

(a) start or stop [Answer]
(b) connector between flowcharts that extends over one page
(c) decision making
(d) direction of travel

Question 110
An unconditional branch instruction will cause the computer to branch to a statement only when certain conditions exist?

(a) true
(b) false [Answer]

Question 111
Analog computers hold data in the form of

(a) Analog variables
(b) Digital variables
(c) Numerical variables
(d) Physical variables [Answer]

Question 112
Another name for Assembly Language is

(a) Second National Language
(b) First Generation Language
(c) Second Generation Language [Answer]
(d) First National Language

Question 113
ARP means

(a) Advanced Resolution Protocol
(b) Address Resolution Protocol [Answer]
(c) Advancement Restive Protocol
(d) Advanced Recognition Protocol

Question 114
ASCII code uses how many bits to represent characters?

(a) 7 [Answer]
(b) 8
(c) 9
(d) 6

Question 115
Assembler is to assembly language as compiler is to

(a) Compiling language
(b) Machine language
(c) Low-level language
(d) High-level language [Answer]

Question 116
Assembly language is also known as

(a) High level language
(b) Medium Level Language
(c) Low Level Language [Answer]
(d) Lower Level Language

Question 117
Auxiliary memory is also known as

(a) Primary Memory
(b) Secondary Memory [Answer]
(c) Tertiary Memory
(d) Plug and Play Memory

Question 118
BAN means

(a) Broad Area Network
(b) Bus Area Newtork
(c) Body Area Network [Answer]
(d) Business Area Network

Question 119
BASIC character set consists of the following except

(a) Alphabets
(b) Relational operators [Answer]
(c) Digits
(d) Special character

Question 120
BASIC is an acronym of

(a) Beginners All-Responsible Simple Instruction Code
(b) Beginners All-Purpose Symbolic Instruction Code [Answer]
(c) Best All-Purpose Symbolic Instruction Code
(d) All of the above

Question 121
BASIC is an example of

(a) Machine language
(b) Assembly language
(c) High levellanguage [Answer]
(d) Very high level language

Question 122
BASIC organizes the contents of all the DATA statements into a

(a) DATA file
(b) DATA block [Answer]
(c) DATA folder
(d) DATA bank

Question 123
BASIC program is an example of which level of programming language

(a) low level language
(b) machine language
(c) high level language [Answer]
(d) middle level language

Question 124
BASIC Programming Languages is a

(a) Low level language
(b) Assembly Language
(c) Machine
(d) High-level Language [Answer]

Question 125
BCPL was developed by

(a) Von Neumann
(b) Bill Gates
(c) Larry Ellison
(d) Martin Richards [Answer]

Question 126
BGP means

(a) Broad Gated Protocol
(b) Bytes Gaining Protocol
(c) Border Grouping Protocol
(d) Border Gateway Protocol [Answer]

Question 127
Binary Coded Decimal uses the symbols

(a) 0 to 9 and letter A to F
(b) 0 and 1 only
(c) 0 to 7 only
(d) 0 to 9 only [Answer]

Question 128
Binary number System uses the symbols

(a) 0 to 9 and letter A to F
(b) 0 and 1 only [Answer]
(c) 0 to 7 only
(d) 0 to 9 only

Question 129
BIOS means

(a) Bus Inpout Output Schema
(b) Basic Input Output Schema
(c) Basic Input Output System [Answer]
(d) Bus Input Output System

Question 130
CAN means

(a) Country Access Network
(b) Campus Area Network [Answer]
(c) Cabled Area Network
(d) County Affixed Network

Question 131
Charles Babbage analytical engine was developed in:

(a) 1943
(b) 1843
(c) 1934
(d) 1834 [Answer]

Question 132
Charles Babbage invented

(a) ENIAC
(b) Difference engine [Answer]
(c) Electronic computer
(d) Punched card

Question 133
Check the odd term out

(a) Internet [Answer]
(b) Linux
(c) Unix
(d) Windows

Question 134
Choose the correct statement

(a) library function programs produce result slower than a BASIC program written to perform the same task
(b) library function programs produce less quality results
(c) BASIC programs written by the user are more effective than library function
(d) library function programs produce result faster than Basic program written to perform similar task [Answer]

Question 135
Choose the one that is valid in BASIC

(a) IF (A + B) THEN 30
(b) IF (A < B) THEN 30 [Answer]
(c) IF (A - B) THEN 30
(d) IF GOTO 30

Question 136
Clearing up storage areas, writing file labels and updating common data is a phenomenon known as

(a) House-clearing
(b) Storage-cleaning
(c) House-keeping [Answer]
(d) Storage-clearing
(e) Data-cleaning

Question 137
COBOL means

(a) Common Business Objective Language
(b) Common Business Oriented Level
(c) Common Business Orientation Language
(d) Common Business Oriented Language [Answer]

Question 138
COBOL was developed and introduced in

(a) 1956
(b) 1959 [Answer]
(c) 1963
(d) 1978

Question 139
Collection of thousands of networks and attached devices is called _____?

(a) Internet [Answer]
(b) Intranet
(c) Extranet
(d) Intrunet

Question 140
COLOSSUS was designed by

(a) Colombus Christopher
(b) Alan Turing [Answer]
(c) Bill Gates
(d) Micheal Gebber

Question 141
Colossus, a second early electronic machine was designed by Alan Turing in:

(a) 1934
(b) 1843
(c) 1943 [Answer]
(d) 1834

Question 142
Computer network among computer devices close to one person is called _____?

(a) PIN
(b) PAN [Answer]
(c) DAN
(d) LAN

Question 143
Computer Programming Languages can be classified into

(a) (Basic, Pascal, C++ and Java)
(b) (Pnuemonics, Assembly, High-level and Very High-Level)
(c) (Machine, Symbolic, High-level and Low-Level)
(d) (Machine, Assembly, High-level and Very High-Level) [Answer]

Question 144
Computer software is divided into

(a) system sotfware and application software [Answer]
(b) Application software and language translator
(c) System software and operating system
(d) None of the above

Question 145
Computer softwares include all of the following except

(a) Language translator
(b) Application software
(c) Utility software
(d) Operating system
(e) Program Software [Answer]

Question 146
Computers being used to control and monitor systems in areas like hydrodynamics can be regarded as

(a) Control system
(b) Digital computer
(c) WatchDog computer
(d) Analog computer [Answer]

Question 147
Computers that process data in discrete form are referred to as

(a) Analog computers
(b) Digital computers [Answer]
(c) Specific-purpose computers
(d) Discrete mini computers

Question 148
Conversion elements which accept analog inputs and outputs digital values are known as

(a) Compilers
(b) Translators
(c) Digitizers [Answer]
(d) Computers

Question 149
Conversion of programs written in non-machine language to machine language is done by a program called

(a) Compiler
(b) Translator [Answer]
(c) Firmware
(d) Operating System

Question 150
Convert 0.125 base 10 to Binary

(a) 0.110
(b) 0.101
(c) 0.001 [Answer]
(d) 0.010

Question 151
Convert 0.6875 base 10 to Binary

(a) 0.1101
(b) 0.1100
(c) 0.1001
(d) 0.1011 [Answer]

Question 152
Convert 1001110001011 in Binary number System to Hexadecimal

(a) 1B38
(b) 183B
(c) 138B [Answer]
(d) 13B8

Question 153
Convert 101010 in base 2 to Decimal

(a) 40
(b) 42 [Answer]
(c) 46
(d) 48

Question 154
Convert 10110.01 in base 2 to Decimal

(a) 22.5
(b) 20.5
(c) 22.25 [Answer]
(d) 20.25

Question 155
Convert 10110.1 in base 2 to Decimal

(a) 22.5 [Answer]
(b) 20.5
(c) 22.25
(d) 20.25

Question 156
Convert 101100111000 in Binary number System to Hexadecimal

(a) B38 [Answer]
(b) 83B
(c) 38B
(d) 3B8

Question 157
Convert 110000 in base 2 to Decimal

(a) 40
(b) 42
(c) 46
(d) 48 [Answer]

Question 158
Convert 111100101 in Binary to Hexadecimal

(a) E15
(b) 51E
(c) 15E
(d) 1E5 [Answer]

Question 159
Convert 111101100000 in Binary number System to Octal

(a) 5740
(b) 4750
(c) 5470
(d) 7540 [Answer]

Question 160
Convert 1111100101 in Binary to Hexadecimal

(a) E35
(b) 51E
(c) 15E
(d) 3E5 [Answer]

Question 161
Convert 3164 in Octal number System to Binary

(a) 100110001011
(b) 110001011100
(c) 011001110100 [Answer]
(d) 001011100110

Question 162
Convert 42 in base 10 to Binary

(a) 101010 [Answer]
(b) 101110
(c) 100110
(d) 110000

Question 163
Convert 44 in base 10 to Binary

(a) 101100 [Answer]
(b) 101110
(c) 100110
(d) 110000

Question 164
Convert 46 in base 10 to Binary

(a) 100110
(b) 110000
(c) 101010
(d) 101110 [Answer]

Question 165
Convert 48 in base 10 to Binary

(a) 100110
(b) 110000 [Answer]
(c) 101010
(d) 101110

Question 166
Convert 6134 in Octal number System to Binary

(a) 100110001011
(b) 110001011100 [Answer]
(c) 011001110100
(d) 001011100110

Question 167
Convert 64 Kilobytes to bytes

(a) 64000 bytes
(b) 63842 bytes
(c) 65536 bytes [Answer]
(d) 62344 bytes

Question 168
Convert 738 in base 10 to 2421 BCD

(a) 101000111001
(b) 011100111110 [Answer]
(c) 011100111000
(d) 101001101011

Question 169
Convert 738 in base 10 to 8421 BCD

(a) 101000111001
(b) 011100111000 [Answer]
(c) 011100111110
(d) 101001101011

Question 170
Convert 738 in base 10 to XS3 BCD

(a) 101000111001
(b) 011100111000
(c) 011100111110
(d) 101001101011 [Answer]

Question 171
Convert 837 in base 10 to 8421 BCD

(a) 100000110111 [Answer]
(b) 011100111000
(c) 011100111110
(d) 101001101011

Question 172
Data processing performed by several separate computers/computer networks, at several different locations, linked by a communications facility in known as

(a) on-line processing.
(b) distributed processing. [Answer]
(c) centralised processing.
(d) batch processing.

Question 173
Database management system is an example of

(a) Machine language
(b) Assembly language
(c) Pascal language
(d) Very high level language [Answer]

Question 174
DEC means

(a) Digital Equipment Corporation [Answer]
(b) Dell Emergency Computer
(c) Digital Engineering Computer
(d) Dell Engineering Corporation

Question 175
Diagrammatic representation of stepwise instructions to solve a particular problem is

(a) graph
(b) barchart
(c) flowchart
(d) flowgraph [Answer]

Question 176
Digital computers convert data into

(a) Letter
(b) Numbers
(c) Binary [Answer]
(d) Symbol

Question 177
Digital computers process data in

(a) Letters
(b) Discontinuous form [Answer]
(c) Symbolic form
(d) Scales

Question 178
Display writer is an example of

(a) Spreadsheet
(b) Word processor [Answer]
(c) Game package
(d) Database package
(e) Output function

Question 179
Dot-matrix printers are examples of

(a) Matrix-D type printers
(b) Matrix-T type printers
(c) Non-impact printers
(d) Impact printers [Answer]

Question 180
Each instruction in a machine language program consists of two main parts namely:

(a) operands and operation code [Answer]
(b) data and operation code
(c) storage address and operands
(d) data and storage address

Question 181
EBCDIC code uses how many bits to represent characters?

(a) 7
(b) 8 [Answer]
(c) 9
(d) 6

Question 182
EDVAC means

(a) Electrical Diverse Variation Computer
(b) Electronic Discrete Variable Computer [Answer]
(c) Electric Distribution Veritable Computing
(d) Electronic Discrete Variation Computer

Question 183
Electronic switches used in the second generation was based on:

(a) Integrated Circuit technology
(b) Switching tube technology
(c) Vacuum tube technology
(d) Transistor tube technology [Answer]

Question 184
ENIAC means:

(a) Electronic Number Integrator and Computer
(b) Electronic Numerical Information Analog Computer
(c) Electronic Numerical Integrator and Calculator [Answer]
(d) Electronic Numeric Independent Analog Computer

Question 185
Erasable optical disks are based on a technology known as

(a) Optical Programmable Erasable Technology
(b) Optical Magnetic Erasable Technology
(c) Magnetic Optical Technology [Answer]
(d) Optical Erasable Technology

Question 186
Ethernet uses

(a) Bus topology [Answer]
(b) Ring topology
(c) Mesh topology
(d) None of the above

Question 187
Example of a twisted pair cable is _____?

(a) CAT5 [Answer]
(b) CAT2
(c) CAT7
(d) CAT3

Question 188
Examples of antivirus are

(a) Norton and AVG
(b) Avira
(c) A alone
(d) All of the above [Answer]

Question 189
Examples of communication packages include all of the following except

(a) Carbon Talk [Answer]
(b) Data Talk
(c) Cross Talk
(d) Carbon Plus

Question 190
Examples of graphic packages include all of the following except

(a) PM
(b) Photoshop
(c) Graphic Writer
(d) PM plus
(e) Graphics Works [Answer]

Question 191
Execution of two or more programs by a single CPU is known as :

(a) Multiprocessing
(b) Time sharing [Answer]
(c) Multiprogramming
(d) None of the above

Question 192
Expressions written to compare two quantities are known as

(a) arithmetic expressions
(b) scientific expressions
(c) relational expressions [Answer]
(d) mathematical expressions

Question 193
F AND True OR True AND False OR True is

(a) False
(b) True [Answer]
(c) Zero
(d) None of the above

Question 194
False AND (True OR True) AND (False OR True) evaluates to

(a) False [Answer]
(b) True
(c) All of the above
(d) None of the above

Question 195
False AND True OR True AND False OR True is

(a) False
(b) True [Answer]
(c) Zero
(d) None of the above

Question 196
False AND True OR True OR False OR True is

(a) False
(b) True [Answer]
(c) Zero
(d) None of the above

Question 197
Firmware is held in non-volatile such as

(a) ROM
(b) EPROM
(c) Flash memory
(d) All of the above [Answer]

Question 198
First generation of computer was based on:

(a) Switch circuit technology
(b) Vacuum tube technology [Answer]
(c) Integrated Circuit technology
(d) Transistor technology

Question 199
First generation of electronic computers evolved between:

(a) 1937 -1953 [Answer]
(b) 1923 - 1967
(c) 1934 - 1968
(d) 1923 - 1957

Question 200
Floating point operations in the second generation of computers was done in

(a) Vacuum tube
(b) Transistor
(c) Hardware [Answer]
(d) Libraries of software routines

Question 201
Floating point operations were performed by in first generation were performed by

(a) Vacuum tube circuit
(b) Transistor
(c) Hardware
(d) Libraries of software routines [Answer]

Question 202
FORTRAN means

(a) Formular Transistor
(b) Formal Translator
(c) Formular Translator [Answer]
(d) Formal Transistor

Question 203
FORTRAN was developed and introduced in

(a) 1956 [Answer]
(b) 1986
(c) 1946
(d) 1976

Question 204
Fourth generation computer languages are procedural languages?

(a) true
(b) false [Answer]

Question 205
FTP means

(a) File Transfer Protocol [Answer]
(b) File Traffic Protection
(c) File Transferring Protection
(d) File Transmission Protocol

Question 206
Functional classes of network are

(a) Client-server network and World Wide Web
(b) Local Area network and MAN
(c) Peer-to-peer and Client-server [Answer]
(d) Intranet and Extranet

Question 207
Given the expression: X= (A+B)/D; if D = 0, what kind of error will this statement generate?

(a) syntax error
(b) semantic error [Answer]
(c) syntactic error
(d) divide overflow

Question 208
Given this expression A=(B*5)^2 the operation codes are

(a) *^
(b) A,B,5,2
(c) *,^,2
(d) *,^,= [Answer]

Question 209
Hexadecimal number System uses the symbols

(a) 0 to 9 and letter A to F [Answer]
(b) 0 and 1 only
(c) 0 to 7 only
(d) 0 to 9 only

Question 210
High Level languages are generally described as

(a) Third Generation Languages [Answer]
(b) First Generation Languages
(c) Second Generation Languages
(d) Fourth Generation Languages

Question 211
High level languages include all but

(a) C language
(b) C++ language
(c) B language [Answer]
(d) Ada language

Question 212
High Level Programming Languages introduced during the second generation of computers include all of the following except

(a) PASCAL
(b) Fortran
(c) Visual Basic [Answer]
(d) Cobol

Question 213
How many are the classification of Computer networks?

(a) 1
(b) 2
(c) 3
(d) 4 [Answer]

Question 214
How many are the types of the functional relationship of a computer network classification?

(a) 1
(b) 2 [Answer]
(c) 3
(d) 4

Question 215
How many arrows will a flowchart to calculate the average of a list of numbers have on its decision making symbol?

(a) 1 incoming and 3 outgoing
(b) 2 incoming and 2 outgoing [Answer]
(c) 1 incoming and 2 outgoing
(d) 2 incoming and 1 outgoing

Question 216
How many bits are there in three (3) bytes

(a) 48 bits
(b) 3 bits
(c) 24 bits [Answer]
(d) 18 bits

Question 217
How many devices per chip exist in Large Scale Integration

(a) 1000 [Answer]
(b) 10000
(c) 100000
(d) 1000000

Question 218
How many devices per chip exists in VLSI

(a) 10,000
(b) 100,000 [Answer]
(c) 1,000,000
(d) 10,000,000

Question 219
How many different characters can ASCII represent?

(a) 127
(b) 256
(c) 128 [Answer]
(d) 257

Question 220
How many different characters can EBCDIC represent?

(a) 127
(b) 256 [Answer]
(c) 128
(d) 257

Question 221
How many processors are contained in the iPSC-1

(a) 128 [Answer]
(b) 100
(c) 146
(d) 120

Question 222
How many type of constant exist in BASIC programming language

(a) 3
(b) 2 [Answer]
(c) 4
(d) 5

Question 223
How many types of constant is supported by BASIC

(a) 4
(b) 2 [Answer]
(c) 6
(d) 3

Question 224
How many types of variable are supported by BASIC

(a) 5
(b) 2 [Answer]
(c) 4
(d) 3

Question 225
How many ways can signed numbers be represented

(a) 4
(b) 3 [Answer]
(c) 2
(d) 5

Question 226
HTML is used to create

(a) Text Links
(b) Web Pages [Answer]
(c) Link Nodes
(d) Web Banners

Question 227
IC chips used in computers are usually made of

(a) Lead
(b) Silicon [Answer]
(c) Chromium
(d) Gold

Question 228
Identify the item that does not fit into the list below:

(a) Mouse
(b) Keyboard
(c) Printer [Answer]
(d) Scanner
(e) MICR

Question 229
Identify the odd one out of the following options

(a) LET
(b) INPUT
(c) PRINT [Answer]
(d) READ-DATA

Question 230
If a variable name is composed using alphabets and numbers, it is regarded as

(a) alpha-number
(b) alphabetic
(c) mixed variable
(d) alpha-numeric [Answer]

Question 231
If A=60 and B=180, then the expression A>50 AND B>150 is

(a) true [Answer]
(b) false

Question 232
If A=60 and B=180, then the expression A>50 OR B<150 is

(a) true [Answer]
(b) false

Question 233
If A=60 and B=180, then the expression A<50 AND NOT(B<150) is

(a) true
(b) false [Answer]

Question 234
If A=60 and B=180, then the expression A<50 OR B<150 is

(a) true
(b) false [Answer]

Question 235
In Assembly language, the operation code is expressed as a

(a) combination of letters rather than binary numbers [Answer]
(b) combination of binary and hexadecimal
(c) combination of letters and binary numbers
(d) pure binary numbers

Question 236
In BASIC, the argument of square root function(SQR) must be

(a) a string variable
(b) a string constant
(c) a numeric constant [Answer]
(d) a standard word

Question 237
In bus topology, local computers share

(a) the same communication channel [Answer]
(b) different communicattion channels
(c) the same computer
(d) none of the above

Question 238
In computer language, one kilobyte equals

(a) 1000 bytes
(b) 1024 bytes [Answer]
(c) 100 bytes
(d) 8 bytes

Question 239
In flowcharts, Output statements are put in:

(a) A Square box
(b) A rectangular box
(c) A parallelogram box [Answer]
(d) A circular box

Question 240
In flowcharts,input statements are put in:

(a) A Square box
(b) A rectangular box
(c) A parallelogram box [Answer]
(d) A circular box

Question 241
In OSI network architecture, the routing is performed by

(a) network layer
(b) data link layer
(c) transport layer [Answer]
(d) session layer

Question 242
Information is recorded on tracks of a disk surface in the form of tiny

(a) Magnetic spots [Answer]
(b) Magnetic tracks
(c) Magnetic slots
(d) Magnetic data

Question 243
Information retrieval is faster from

(a) Floppy disk
(b) Magnetic tape
(c) Hard disk [Answer]
(d) None of the above

Question 244
Interbase is a

(a) Database Package [Answer]
(b) Desktop Application
(c) Interconnection Software
(d) Internet Browser

Question 245
Intermediate results of processing are stored in the

(a) PROM
(b) PRAM
(c) RAM [Answer]
(d) ROM
(e) CACHE

Question 246
Interpreters convert Source programs to object code

(a) Immediately
(b) Consistently
(c) Accurately
(d) Line by line [Answer]

Question 247
Is it possible to detect logic errors during program compilation?

(a) true
(b) false [Answer]

Question 248
Is machine language computer dependent?

(a) true [Answer]
(b) false

Question 249
ISP means

(a) Internet Service Provider [Answer]
(b) Internet Service Position
(c) Internet Services Portfolio
(d) Internet Service Packages

Question 250
Language Translators translate other languages to

(a) Executable form
(b) Machine Language [Answer]
(c) Coded Form
(d) Instruction Code

Question 251
Laptop PCs are also known as _____Computers

(a) Mainframe
(b) Super
(c) Notebook [Answer]
(d) personal

Question 252
LARC means

(a) Livermore Automatic Reset Computer
(b) Livermore Atomic Release Computer
(c) Livermore Automated Researching Computation
(d) Livermore Atomic Research Computer [Answer]

Question 253
LD3 is an example of statement in

(a) Pascal language
(b) Basic Language
(c) Machine Language
(d) assembly Language [Answer]

Question 254
LET A$="Computer Dept" is an example of

(a) String Variable [Answer]
(b) String Line number
(c) Numeric Constant
(d) Numeric variable

Question 255
LET Statemnet in BASIC is an example of

(a) conditional Statement
(b) input Statement [Answer]
(c) Restore Statement
(d) Print statement

Question 256
LET X=5.32 is an example of

(a) Arithmatic expression
(b) Numeric Constant [Answer]
(c) Numeric variable
(d) None of the above

Question 257
Lexical analysis, syntax analysis, semantic analysis and code generation are stages in

(a) Programming
(b) Compilation [Answer]
(c) Debugging
(d) Translation
(e) Interpretation

Question 258
LOCO Script is a

(a) Scripting Software
(b) Word Processor [Answer]
(c) Spreadsheet
(d) Game Package

Question 259
logical negation is performed using

(a) NAND operator
(b) AND operator
(c) NOT operator [Answer]
(d) OR operator

Question 260
Logical operations are those operations that result in either

(a) Come or Go
(b) True or False
(c) Yes or No
(d) All of the above [Answer]

Question 261
Logical operations are used to decide if an expression will be

(a) True or False
(b) High or Low
(c) Good or Bad
(d) All of the above [Answer]

Question 262
logical operator that depicts conjunction between two operands is known as

(a) NAND
(b) AND [Answer]
(c) NOT
(d) OR

Question 263
logical operator which depicts disjunction between two variables is known as

(a) NAND
(b) AND
(c) NOT
(d) OR [Answer]

Question 264
LSI is made up of

(a) 1, 000, 000 devices per chip
(b) 1, 000 devices per chip [Answer]
(c) 100, 000 devices per chip
(d) 10, 000 devices per chip

Question 265
MAC means

(a) Mega Access Context
(b) Medium Access Controls
(c) Media Access Control [Answer]
(d) Meager Accessed Controller

Question 266
Magnetic tapes and magnetic disk are examples of a

(a) Primary Storage
(b) Secondary Storage [Answer]
(c) Tertiary Storage
(d) Permanent Storage

Question 267
MAN means

(a) Mega Area Network
(b) Metropolitan Area Network [Answer]
(c) Medium Access Network
(d) Mixed Area Network

Question 268
McAfee is a

(a) Special Anti-Virus
(b) Recognised Anti-Virus [Answer]
(c) Cracked Anti-Virus
(d) Reserved Anti-Virus

Question 269
Mflops means

(a) Mega floating point operations per second
(b) Million floating points operations per session
(c) Million floating point operations per second [Answer]
(d) Million floating points options per seconds

Question 270
Microsoft Office is an example of a

(a) Office Application
(b) Integrated Package [Answer]
(c) Word Processor
(d) Application Software

Question 271
Minitab is an example of a

(a) Statistical Package [Answer]
(b) Mathematical Software
(c) Spreadsheet
(d) Tabbing Software

Question 272
Minitab is an example of a

(a) Statistical Package [Answer]
(b) Mathematical Software
(c) Spreadsheet
(d) Tabbing Software

Question 273
MIPS means

(a) Maintime Instructions Per Second
(b) Meantime Instructions Per Second
(c) Mainwhile Instructions Per Second
(d) Meanwhile Instructions Per Second [Answer]

Question 274
Modem stands for

(a) A type of secondary memory
(b) Modulator demodulator [Answer]
(c) Mainframe operating device memory
(d) None of the above

Question 275
Most LAN operate at a data rate of

(a) 100mb/s to 200mb/s
(b) 10mb/s to 100mb/s [Answer]
(c) 10mb/s to 50mb/s
(d) all of the above

Question 276
MS-DOS is the name of a/an

(a) Application software
(b) Hardware
(c) System software [Answer]
(d) None of these

Question 277
Multilayered printed circuits and solid-state memories are characteristics of

(a) 1st Generation
(b) 2nd Generation
(c) 3rd Generation [Answer]
(d) 4th Generation
(e) 5th Generation

Question 278
NAND Gate implies

(a) Not NAND
(b) Not AND [Answer]
(c) Not OR
(d) None of the above

Question 279
NAO is

(a) The inorder of Precedence of logical operations
(b) The order of Precedence of logical operations [Answer]
(c) OR, AND, NOT
(d) NAND, NOR NOT

Question 280
Networks can be classifid according to one of these

(a) Type of wires used
(b) Transmission Medium [Answer]
(c) Connecting Rays
(d) Router type

Question 281
NIC means?

(a) Network Interfacing Cards
(b) Networking Interfacing Cards
(c) Networked Interface Cards
(d) Network Interface Cards [Answer]

Question 282
NOR Gate implies

(a) Not NAND
(b) Not AND
(c) Not OR [Answer]
(d) None of the above

Question 283
Not AND means

(a) NoAND
(b) NAND [Answer]
(c) Not OR
(d) None of the above

Question 284
Not OR Gate implied

(a) NotOR
(b) NOR [Answer]
(c) Not OR
(d) None of the above

Question 285
Octal number System uses the symbols

(a) 0 to 9 and letter A to F
(b) 0 and 1 only
(c) 0 to 7 only [Answer]
(d) 0 to 9 only

Question 286
OMR means

(a) Optical Mark Roller
(b) Optical Machine Reader
(c) Optical Mark Reader [Answer]
(d) Optical Machine Roller

Question 287
One Gigabyte is Approximately equal is

(a) 1000,000 bytes
(b) 1000,000,000 bytes [Answer]
(c) 1000,000,000,000 bytes
(d) None of these

Question 288
One kilobyte is equal to

(a) 1000 bytes
(b) 1024 bytes [Answer]
(c) 100 bytes
(d) 1023 bytes

Question 289
One method of testing a program for correctness in which the programmer traces the processing steps pretending to be the computer is called

(a) storage dump
(b) manual walk-through [Answer]
(c) use of tracing routines
(d) conversion

Question 290
One of the advantages of writing programs in high level language is

(a) Usage on selected Computers
(b) Debugging is tedious
(c) Closeness to Machine Language
(d) Machne Independence [Answer]

Question 291
One of the following in NOT an advantage of the BASIC programming language.

(a) easy to learn
(b) quick program development cycle
(c) machine dependence [Answer]
(d) availability on every computer

Question 292
One of the following is a statistical package

(a) Stat SPCS
(b) Stat SPSC
(c) FoxPro Stat
(d) Stat Graphical [Answer]
(e) Dbase Stat

Question 293
One of the following is NOT a characteristic of a good program

(a) Accuracy
(b) Efficiency
(c) Readability
(d) Portability [Answer]

Question 294
One of the following is not a correct definition of an algorithm.

(a) a set of rules for carrying out calculations either by hand or a machine
(b) a finite step-by-step procedure to achieve a required result
(c) a sequence of computational steps that transform a set of inputs into a set of outputs
(d) a graphical representation of major steps of work in solving a problem [Answer]

Question 295
One of the following is NOT a desktop publishing package

(a) Xerox Form Base
(b) Ventura
(c) Publishers
(d) News Master II
(e) Ventura IV [Answer]

Question 296
One of the following is NOT a programming tools.

(a) program development systems
(b) application generator
(c) Debuggers
(d) Mnemonics [Answer]

Question 297
One of the following is NOT a section in decision tables.

(a) condition stub
(b) condition entry
(c) stub entry [Answer]
(d) action stub

Question 298
One of the following is NOT a step involved in the preparation of a computer program.

(a) Devising the method of solution
(b) Developing methods using suitable aids
(c) Writing instructions in a programming language
(d) Selecting a suitable programming language [Answer]

Question 299
One of the following is NOT an element of the BASIC character set

(a) alphabets
(b) digits
(c) special characters
(d) function keys [Answer]

Question 300
One of the following is responsible for facilitating the creation and modification of program and data files through an editor program

(a) Storage Modification System
(b) Program Manager
(c) Operating System [Answer]
(d) File and Storage Manager

Question 301
One of these is a Language Translator

(a) Assembler [Answer]
(b) Editor
(c) Widget
(d) Debugger

Question 302
One of these is a Low Level Language

(a) Python
(b) Assembly [Answer]
(c) FORTRAN
(d) BASIC

Question 303
One of these is a part of the processing unit of a Computer

(a) Printing Unit
(b) Preveiwing Unit
(c) Control Unit [Answer]
(d) Saving Unit

Question 304
One of these is an advantage of programs written in machine language.

(a) symbolic way of expressing instructions
(b) machine independence
(c) efficiency with respect to storage requirements and operating speeds [Answer]
(d) flexibility

Question 305
One of these is characteristic of an algorithm

(a) it must be cheap
(b) it must terminate [Answer]
(c) it must be written by a programmer
(d) no program can be written without it

Question 306
One of these is not a component of an algorithm

(a) sequence
(b) series [Answer]
(c) iteration
(d) selection

Question 307
One of these is not a function of the Operating System

(a) Memory Management
(b) Process Management
(c) Structure Management [Answer]
(d) File Management

Question 308
One of these is not a Graphics Application

(a) Adobe ImageReady
(b) Adobe Photoshoot [Answer]
(c) Corel Draw
(d) Macromedia Fireworks

Question 309
One of these is not a Hardware used in Networking

(a) Hubs
(b) Networker [Answer]
(c) Bridges
(d) Router

Question 310
One of these is not a High Level Programming Language

(a) FORTRAN
(b) COBOL
(c) Assembly [Answer]
(d) PASCAL

Question 311
One of these is not a Network Topology

(a) Bus Topology
(b) Ring Topology
(c) Wired Topology [Answer]
(d) Star Topology

Question 312
One of these is NOT a network-bridging technology

(a) Simple
(b) Multiport
(c) Compound [Answer]
(d) Learning

Question 313
One of these is not a stage in Compilation

(a) Lexical Analysis
(b) Code Generation
(c) Debugging Time [Answer]
(d) Semantic Analysis

Question 314
One of these is not a Word Processor

(a) WordPerfect
(b) MS-Word
(c) Word Reactix [Answer]
(d) WordStar

Question 315
One of these is not an example of an expert user

(a) Hacker [Answer]
(b) Programmer
(c) Data Analyst
(d) Software Engineer

Question 316
One of these is not in the same category with Skype

(a) Facebook Chat
(b) Nimbuzz
(c) Encarta [Answer]
(d) 2go

Question 317
One of these is not part of the BASIC resources of a Computer

(a) Data
(b) Software
(c) Hardware
(d) Current [Answer]

Question 318
One of these is ODD

(a) Adobe Pagemaker
(b) Adobe Photoshop [Answer]
(c) Ventura
(d) MS Publisher

Question 319
One of these is ODD

(a) Bridges
(b) Switches
(c) Keyboard [Answer]
(d) Routers

Question 320
One of these is ODD

(a) Trojan Horse
(b) Logic Bomb
(c) Skype Scammers [Answer]
(d) Spyware

Question 321
One of these is ODD with respect to Information Security

(a) Usability [Answer]
(b) Integrity
(c) Confidentiality
(d) Availability

Question 322
One of this can NOT be used to write a high level program.

(a) numbers
(b) letters
(c) special characters
(d) sentences [Answer]

Question 323
One of thses is NOT an Anti-Virus

(a) AntiVir
(b) Norton
(c) SceScan [Answer]
(d) Sophos

Question 324
Operand (s) and Operation code are the components of

(a) Computer instruction [Answer]
(b) Variable and Instruction
(c) Machine language
(d) Operation code and Program

Question 325
Operating system

(a) Link a program with the subroutines it references
(b) Provides a layered, user-friendly interface [Answer]
(c) Enables a programmer to draw a flowchart
(d) None of the above

Question 326
Operating system is

(a) A collection of hardware components
(b) A collection of software routines [Answer]
(c) A collection of input-output devices
(d) none of the above

Question 327
Operation that must be performed before and after an actual data processing is known as

(a) House-clearing
(b) Storage-cleaning
(c) House-keeping [Answer]
(d) Storage-clearing
(e) Data-cleaning

Question 328
Operator's manual usually cotains one of the following information

(a) Statement of the problem
(b) Objective of the problem
(c) Program oject code
(d) Messages that may be printed on the VDU and their meanings [Answer]

Question 329
Oval shaped symbol in flowchart is for expressing

(a) Processing
(b) Calculations
(c) Terminal Point [Answer]
(d) Decision

Question 330
Oval shaped symbol in flowchart is used for expressing

(a) Processing
(b) Calculations
(c) Terminal Point [Answer]
(d) Decision

Question 331
Peripheral devices is made up of the

(a) Input devices and the output devices [Answer]
(b) Input devices, processor and output devices
(c) Monitor, keyboard, printer and mouse
(d) Input devices, printer and output devices

Question 332
Printers that use electro-static chemicals are examples of

(a) Non-impact printers [Answer]
(b) Electrochemical printers
(c) Matrix-T type printers
(d) Chemical-induced, electrostatic printers

Question 333
Program designed to convert the general-purpose computer into a tool for specific task is called

(a) Operating System
(b) Application program [Answer]
(c) System software
(d) Debuggers

Question 334
Programs developed by users to solve their specific data processing problems is termed

(a) Operating program
(b) Application program [Answer]
(c) Manufacturer program
(d) Specific program

Question 335
Programs that attach themselves to the operating system in a harmful way are known as

(a) Firewall
(b) Worms
(c) Spywares [Answer]
(d) Virus

Question 336
READ-DATA Statement is used to

(a) Assign one value to a data
(b) Assign data to multiple variable at a time [Answer]
(c) input instruction
(d) output information

Question 337
Relational Operators include

(a) Equality
(b) Greater than
(c) Less than
(d) All of the above [Answer]

Question 338
ROM means

(a) Read Only Moment
(b) Read on Memory
(c) Read Only Memory [Answer]
(d) Read Often Memory

Question 339
Routers are network devices that

(a) Forward data packets between networks [Answer]
(b) Use data packets between networks
(c) Remove redundant data
(d) Break the links between networks

Question 340
Routers are network devices that

(a) Forward data packets between networks [Answer]
(b) Use data packets between networks
(c) Remove redundant data
(d) Break the links between networks

Question 341
Scandisk is an example of

(a) Utility software [Answer]
(b) System software
(c) Application software
(d) Operating system package

Question 342
Second-Generation of computers evolved between

(a) 1937 -1953
(b) 1954-1962 [Answer]
(c) 1934 - 1968
(d) 1923 - 1957

Question 343
Set of programs that perform file copy is known as

(a) System files copy programs
(b) System files programs
(c) Utility programs [Answer]
(d) Latent programs

Question 344
Sets of components that restricts access between protected network and internet is called
_____?

(a) Username
(b) Authorization
(c) Firewall [Answer]
(d) Password

Question 345
Signed numbers can be represented in

(a) 4 ways
(b) 3 ways [Answer]
(c) 2 ways
(d) 5 ways

Question 346
Small-Scale Integration of Circuits is made up of

(a) 100 devices per circuit
(b) 10 devices per circuit [Answer]
(c) 1000 devices per circuit
(d) 1 device per circuit

Question 347
SOLOMON computer was developed by

(a) Westinghouse Corporation [Answer]
(b) Solomon Analog Corporation
(c) Solomon Wislow Corporation
(d) Solomon Gates Corporation

Question 348
Spywares attach themselves to the

(a) Boot Files
(b) Operating System [Answer]
(c) BIOS
(d) Display Unit

Question 349
Stages of software/program development include the following except

(a) planning the solution
(b) understanding the problem
(c) coding
(d) marketing the solution [Answer]

Question 350
String constants and variables cannot be used in arithmetic expressions

(a) true [Answer]
(b) false
(c) i don't know
(d) none of the options is correct

Question 351
Super-Q is an example of

(a) Spreadsheet [Answer]
(b) Word processor
(c) Game package
(d) Database package
(e) Output function

Question 352
SuperCalc is an example of

(a) Calculation Application
(b) Spreadsheet [Answer]
(c) Super Computer
(d) Operating System

Question 353
A system that requires complex processor scheduling algorithms to optimize the amount of parallelism achieved is known as

(a) Networked system
(b) Distributed System [Answer]
(c) Multi-sharing System
(d) Resource Sharing System
(e) Time-sharing System

Question 354
Systems programs are written for direct execution on

(a) Computer software packages
(b) Computer hardware [Answer]
(c) Compilers
(d) Translators
(e) Interpreters

Question 355
The four basic types of instructions are

(a) (REM, PRINT, GoTo and END)
(b) (Input, Output, Goto, and Branching)
(c) (Input/Output, Arithmetic, Branching, and Logic) [Answer]
(d) All of the above

Question 356
The 'A' character in the BASIC programming language stands for

(a) algorithm
(b) all-purpose [Answer]
(c) all-propose
(d) almighty

Question 357
The 'B' character in the BASIC programming language stands for

(a) begin
(b) beginner
(c) beginners [Answer]
(d) begins

Question 358
The 'C' character in the BASIC programming language stands for

(a) Condition
(b) Code [Answer]
(c) Codes
(d) Collate

Question 359
The 'I' character in the BASIC programming language stands for

(a) instruct
(b) instruction [Answer]
(c) instrument
(d) interact

Question 360
The 'S' character in the BASIC programming language stands for

(a) symbol
(b) symbolise
(c) symbolic [Answer]
(d) sign

Question 361
The "PRINT USING" statement in BASIC programming allows printed output to be ......

(a) displayed
(b) outputted
(c) formatted [Answer]
(d) aligned

Question 362
The attribute of a program that relates to optimal utilization of resources is

(a) Accuracy
(b) Efficiency [Answer]
(c) Effectiveness
(d) Robustness

Question 363
The banking software used in Zenith Bank is an example of

(a) User defined Software [Answer]
(b) Financial Application
(c) Business Package
(d) Financial Management Suite

Question 364
The BASIC command END is used for

(a) remarks
(b) termination [Answer]
(c) input
(d) output

Question 365
The BASIC command INPUT is used for

(a) reading data from the keyboard [Answer]
(b) reading data from a file
(c) reading data from the internet
(d) reading data from the mouse

Question 366
The BASIC command LET is used for

(a) input
(b) assignment [Answer]
(c) output
(d) termination

Question 367
The BASIC command PRINT is used for

(a) termination
(b) output [Answer]
(c) input
(d) remarks

Question 368
The BASIC command REM is used for

(a) remarks [Answer]
(b) input
(c) output
(d) termination

Question 369
The basic contents stored in the computer memory are

(a) Files and Folders
(b) Instruction and data [Answer]
(c) Programs and Codes
(d) Programs and Instructions

Question 370
The BASIC programming language can handle arithmetic expressions involving up to ....
arithmetic operators

(a) 7
(b) 6
(c) 5 [Answer]
(d) 4

Question 371
The basic resources of a computer system are provided by its

(a) Hardware, software and data [Answer]
(b) Keyboard and mouse
(c) Users, Data and Devices
(d) Computer software packages

Question 372
The basic unit of a memory location is

(a) 1 Byte [Answer]
(b) 8 Bytes
(c) 1 Bit
(d) 1024 Bits

Question 373
The brain of a computer is

(a) CPU [Answer]
(b) CD
(c) Floppy disc
(d) Megabyte

Question 374
The CDC 7600 was considered to be the

(a) Second scalar processor
(b) Second vector processor
(c) first vector processor [Answer]
(d) first scalar processor

Question 375
The characteristics of a program that handles invalid data is

(a) Reliability
(b) Robustness [Answer]
(c) Accuracy
(d) Efficiency

Question 376
The compiler translates a program source code into

(a) result code
(b) object code [Answer]
(c) algorithm code
(d) pseudo code

Question 377
The computing system is made up of

(a) Hardware, Software and Users
(b) Software, Humanware and the computing environment
(c) Hardware, Software, Humanware and the users
(d) Hardware, Software, Users and the computing environment [Answer]

Question 378
The correct form of expressing the formula that relates velocity, time and acceleration in an algorithm is

(a) v=u+at
(b) u+at= v
(c) v= u + a*t [Answer]
(d) u+a*t= v

Question 379
The correct form of expressing the formula to find one of the roots of a quadratic equation in an algorithm is

(a) b2-4ac/2a
(b) (b2-4ac)/2a
(c) b*b-4*a*c/2*a
(d) (b*b-4*a*c)/2*a [Answer]

Question 380
The correct form of the equation U+V(V)/W = X in an algorithm is

(a) U+V2/W = X
(b) X= U+V2/W
(c) U+V*V/W=X
(d) X= U+V*V/W [Answer]

Question 381
The daily processing of corrections to customer accounts best exemplifies the processing mode of

(a) batch processing [Answer]
(b) real-time processing
(c) time-sharing
(d) off-line processing

Question 382
The data item involved in computer operation is termed

(a) operator
(b) operand [Answer]
(c) expression
(d) output

Question 383
The denominator of an arithmetic expression can be zero

(a) true
(b) false [Answer]
(c) i don't know
(d) none of the options is correct

Question 384
The Device which converts instructions into the binary form that is understood by the computer and supply to the computer is known as_____

(a) Input [Answer]
(b) Output
(c) Automatic
(d) Memory

Question 385
The difference between memory and storage is that the memory is_____ and storage is_____

(a) Temporary, permanent [Answer]
(b) Permanent, temporary
(c) Slow, fast
(d) None of the above

Question 386
The earliest form of programming language is

(a) Assembly language
(b) machine language [Answer]
(c) high level language
(d) very low level language

Question 387
The equivalent of a source program in machine language is called

(a) Object program [Answer]
(b) Source code
(c) Source program
(d) Object code
(e) High Level program

Question 388
The errors that can be pointed out by the compiler are

(a) Syntax errors [Answer]
(b) Semantic errors
(c) Logical errors
(d) None of the above

Question 389
The first generation of Computers was between

(a) 1924 - 1933
(b) 1918 - 1929
(c) 1909 - 1933
(d) 1937 - 1953 [Answer]

Question 390
The first stage in Programming is

(a) Problem Creation
(b) Understanding the Problem [Answer]
(c) Flowchart Designing
(d) Solution Planning

Question 391
The following are application softwares except:

(a) Word processor
(b) Antivirus [Answer]
(c) Spreadsheet
(d) Statistical Packages

Question 392
The following are categories of Computer programming languages except

(a) BASIC language [Answer]
(b) High level symbolic language
(c) Machine language
(d) Assembly language

Question 393
The following are computer programming tools except

(a) flowchart
(b) computer codes [Answer]
(c) algorithm
(d) decision table

Question 394
The following are examples of existing and popular high level programming languages EXCEPT

(a) INTEL 8086 [Answer]
(b) BASIC
(c) FORTRAN
(d) PASCAL

Question 395
The following are keywords in the BASIC programming language EXCEPT

(a) REM
(b) WRITE [Answer]
(c) INPUT
(d) READ

Question 396
The following are library functions in BASIC except

(a) sin
(b) log
(c) sqr
(d) sqrt [Answer]

Question 397
The following are system resources except

(a) CPU time
(b) Memory space
(c) File storage space
(d) I/O devices
(e) CPU space [Answer]

Question 398
The following are the basic concepts important to people in the protection of information except _____?

(a) Authentication
(b) Authorization
(c) Non-repudiation
(d) Availability [Answer]

Question 399
The following are the characteristics of a Special-Purpose computer except

(a) Very cheap
(b) Limited in use
(c) Flexible [Answer]
(d) Less complex

Question 400
The fourth Generation Computer was between

(a) 1972 - 1984 [Answer]
(b) 1970 - 1981
(c) 1971 - 1986
(d) 1969 - 1988

Question 401
The fourth generation of computers span between

(a) 1972-1984 [Answer]
(b) 1975-1988
(c) 1965-1990
(d) 1962-1992

Question 402
The full meaning of BGP in networking is

(a) Border Gateway Protocol [Answer]
(b) Basic Gateway Practices
(c) Boundary Gateway Protocol
(d) Bank Gateway Protocol

Question 403
The full meaning of MICR is

(a) Magnetic Integrated Character Register
(b) Memory Ink Code Recognition
(c) Memory Integrated Coded Register
(d) Magnetic Ink Character Recognition [Answer]

Question 404
The functional part of a general purpose computer is made up of A. 3 units

(a) 5 units
(b) 2 units
(c) 3 units [Answer]
(d) 4 units

Question 405
The Gate representation of the Logical Operations are

(a) (NOT, THEN, NAND, NNOR)
(b) (IF,WHILE, OR, NOT, NAND and NOR)
(c) (AND, OR, NOT, NAND and NOR) [Answer]
(d) All of the Above

Question 406
The general structure of a standard BASIC language contains the following EXCEPT:

(a) at least one comment
(b) an end instruction
(c) addition of numbers [Answer]
(d) an instruction to take input or print an output

Question 407
The I/O system consists of

(a) A buffer caching system
(b) A general device driver code
(c) Drivers for specific hardware devices
(d) All of the above [Answer]

Question 408
The individual within the operations group who ordinarily uses a variety of keyboard devices, is the

(a) Data Clerk
(b) Keypunch Operator
(c) Data Entry Clerk [Answer]
(d) Computer Operator

Question 409
The initial program written in a language different from machine language is called

(a) Object program
(b) Source code
(c) Source program [Answer]
(d) Object code
(e) Assembly program

Question 410
The internal storage section of a memory is made up of several small storage locations known as

(a) ROM
(b) Blocks
(c) Cells [Answer]
(d) RAM

Question 411
The keyword LET in BASIC programming is known to be a/an:

(a) input instruction [Answer]
(b) output instruction
(c) documentation instruction
(d) compiling instruction

Question 412
The keyword PRINT in BASIC programming is known to be a/an:

(a) input instruction
(b) output instruction [Answer]
(c) documentation instruction
(d) compiling instruction

Question 413
The keyword used to terminate an algorithm is

(a) stop [Answer]
(b) end
(c) finish
(d) halt

Question 414
The kind of software that makes a Television remote control to work is called

(a) Firmware [Answer]
(b) Control Software
(c) Micro Software
(d) TVWare

Question 415
The language that the computer can understand and execute is called _____

(a) Machine language [Answer]
(b) Application software
(c) System program
(d) None of the above

Question 416
The last stage in programming is

(a) Instumentation
(b) Testing
(c) **Documentation** [Answer]
(d) Debugging

Question 417
The Machine Language equivalent of a program written in a high level language is called

(a) Object Source
(b) Machine Code
(c) Object Code [Answer]
(d) Machine Program

Question 418
The main aim of a computer network is to allow _____?

(a) Sharing of computers
(b) Sharing of resources [Answer]
(c) Sharing of printers
(d) Sharing of networks

Question 419
The major difference in the names of strings and integers in BASIC is the use of which special character?

(a) Pound Sterling
(b) Dollar [Answer]
(c) Ampersand
(d) Asterisk

Question 420
The maximum capacity of a magnetic tape is

(a) 180 million characters [Answer]
(b) 270 million characters
(c) 80 million characters
(d) 360 million characters

Question 421
The maximum number ofarrows coming out of a decision making symbol in a flowchart is

(a) one
(b) two [Answer]
(c) three
(d) four

Question 422
The Monitor and Printer are examples of

(a) Output Unit [Answer]
(b) Display Unit
(c) Visual Display Unit
(d) Printing Unit

Question 423
The most popular assembly language is

(a) microsoft
(b) unix
(c) ibm [Answer]
(d) intel

Question 424
The most widely used commercial programming computer language is

(a) BASIC
(b) COBOL [Answer]
(c) FORTRAN
(d) PASCAL

Question 425
The names given to all forms of destuctive program are

(a) trojan horse and virus
(b) logic bomb and spyware
(c) malware and AVG
(d) viruses and malwares [Answer]

Question 426
The NOT is a

(a) Logical Negation
(b) Inverter
(c) All of the above [Answer]
(d) None of the above

Question 427
The NOT is not a

(a) Logical Negation
(b) Inverter
(c) All of the above
(d) None of the above [Answer]

Question 428
The number of inputs in an algorithm to find the root of a quadratic equation is

(a) one
(b) two
(c) three [Answer]
(d) four

Question 429
The operands in an instruction may consist of the actual data

(a) Yes [Answer]
(b) No
(c) All of the above
(d) None of the above

Question 430
The operation code in an instruction may consist of the actual data

(a) Yes
(b) No [Answer]
(c) All of the above
(d) None of the above

Question 431
The operation code in assembly language includes one of the following:

(a) letters [Answer]
(b) binary numbers
(c) hexadecimal numbers
(d) decimal numbers

Question 432
The operator manual during program documentation should contain the following EXCEPT

(a) instruction about starting, running and terminating the program
(b) message that may be printed on the VDU and their meanings
(c) setup and take down instruction for files
(d) information on manual walkthrough during program development [Answer]

Question 433

The order of Precedence of logical operations is not

(a) NOT, OR, NOR
(b) OR, AND, NOT
(c) NOT, OR, NOT
(d) All of the above [Answer]

Question 434

The order of Precedence of logical operations is

(a) NOT, OR, NOR
(b) OR, AND, NOT
(c) NOT, AND, OR [Answer]
(d) NAND, NOR NOT

Question 435

The part of computer instruction that tells the computer what to do is

(a) Expression code
(b) operation code [Answer]
(c) operand code
(d) instruction code

Question 436

The parts of a computer are best identified as

(a) Hardware and Software
(b) Users, Data and Devices
(c) Hardware, Programs and Software
(d) Humanware, Software and Hardware [Answer]
(e) Desktop, CPU and Keyboard

Question 437

The payroll package used in a large Company is an example of

(a) User defined Software [Answer]
(b) Financial Application
(c) Business Package
(d) Financial Management Suite

Question 438
The physical components of a computer are called

(a) Software
(b) Firmware
(c) Hardware [Answer]
(d) Physicalware

Question 439
The planning solution step of the program documentation includes the following EXCEPT

(a) flowchart, pseudo code or decision tables
(b) program narrative
(c) description of input and file formats
(d) A clear statement of problem [Answer]

Question 440
The primary goal of an operating system is

(a) Reliability
(b) Efficiency
(c) Convenience [Answer]
(d) Speed

Question 441
The primary memory of the computer is made up of the

(a) ROM, Primary storage and CACHE
(b) RAM and Primary devices memory
(c) CACHE, ROM and RAM
(d) ROM and RAM [Answer]
(e) PROM and RAM

Question 442
The problem definition step of program documentation includes the following EXCEPT

(a) a clear statement of problem
(b) objective of the program
(c) person authorising the program request [Answer]
(d) program narrative

Question 443

The process of converting analog signals into digital signals so they can be processed by a receiving computer is referred to as:

(a) modulation
(b) demodulation
(c) synchronizing
(d) digitising [Answer]

Question 444

The processing unit is made up of

(a) Control Unit, Input Unit, Output Unit and the Main Memory
(b) Arithmetic Unit, Logical Unit and the Main Memory
(c) ALU, Control Unit and the Main Memory [Answer]
(d) Input Unit, Control Unit, Output Unit and the Main Memory

Question 445

The program that acts as an interface between a user of a computer and the computer hardware is known as

(a) User Interface Allocator
(b) Interface Management Program
(c) Operating System [Answer]
(d) User Interface Manager

Question 446

The programmer can solve user made problems with

(a) Word Processor [Answer]
(b) Windows 7 OS
(c) Scandisk
(d) Ubuntu OS

Question 447

The programming language that makes use of mnemonics is

(a) machine language
(b) Assembly language [Answer]
(c) high level language
(d) very low level language

Question 448
The reach of a Personal Area Network is within

(a) 20 to 30 feets [Answer]
(b) 25 to 30 feets
(c) 20 to 25 feets
(d) 30 to 35 feets

Question 449
The READ command in BASIC is usually used in conjunction with which other command?

(a) DATA [Answer]
(b) BLOCK
(c) INPUT
(d) LINE

Question 450
The relationship between voltage, current and resistance is correctly represented in an algorithm as

(a) V=IR
(b) IR=V
(c) V= I*R [Answer]
(d) I*R=V

Question 451
The retrieval of information from the computer is defined as

(a) collection of data
(b) data retrieval operations
(c) output [Answer]
(d) data output collection

Question 452
The rules governing arithmetic expressions in BASIC does NOT include

(a) two operations can appear together [Answer]
(b) string constants and string variables should not be used in arithmetic expressions
(c) brackets when used must be in pairs
(d) denominator of an expression should not be zero

Question 453

The SOLOMON Computer was developed by

(a) Microsoft
(b) Dell
(c) Westinghouse Corporation [Answer]
(d) Toshiba

Question 454

The stage in programming at which flowcharts are converted into specific language is called

(a) Translation
(b) Flowcharting
(c) Coding [Answer]
(d) Debugging

Question 455

The suits of programs that facilitate the optimal use of the hardware systems and/or provide a suitable environment for the writing, editing, debugging, testing and running of user programs is generally referred to as

(a) Hardware Manager Software
(b) Application Software
(c) System Software [Answer]
(d) Utility Software

Question 456

The switching time for discrete diode is approximately:

(a) 0.63 microseconds
(b) 0.52 microseconds
(c) 0.30 microseconds [Answer]
(d) 0.46 microseconds

Question 457

The three types of operating systems are

(a) Windows XP, Windows Vista and Windows 7 Operating Systems
(b) Linux, Apple Macintosh and Microsoft Windows Operating Systems
(c) System, Application and Utility Operating Systems
(d) Batch, Time-shared and Real-time Operating Systems [Answer]

Question 458
The time from submission of the job until execution is complete is known as

(a) Turnaround time [Answer]
(b) Job completion time
(c) Job cycle time
(d) Job execution time
(e) Turncycle time

Question 459
The two major methods of representing real numbers are

(a) Fixed-Point and Variable Point
(b) Fixed-Point and Floating Point [Answer]
(c) Floating Point and Variable Point
(d) None of the Above

Question 460
The two popular standards for character representation are

(a) ACSII and EBCDIC
(b) ASCII and EDCBIC
(c) ASCII and EBCDIC [Answer]
(d) ACSII and EDCBIC

Question 461
The type of topology that transmit data on equal basis using tokens is called _____?

(a) Line
(b) Star
(c) Ring [Answer]
(d) Bus

Question 462
The unit of work in a system is known as

(a) Power
(b) Process [Answer]
(c) Program
(d) Energy
(e) Word per Minute (WPM)

Question 463
The usefulness of the computer depends on

(a) Speed and accuracy
(b) Portability
(c) Size
(d) The programs that are written to manipulate it [Answer]

Question 464
The user has no interaction with the job during its processing in a

(a) Job-Control System
(b) Real-time System
(c) Time-Sharing System
(d) Batch processing System [Answer]

Question 465
There are -------- ways of representing characters in the memory of a Computer System

(a) 2 [Answer]
(b) 3
(c) 4
(d) 5

Question 466
There exists ... types of branch instructions

(a) 5
(b) 4
(c) 3
(d) 2 [Answer]

Question 467
These are examples of basic hardware components used in networking except _____?

(a) Ring [Answer]
(b) Routers
(c) Switches
(d) Bridges

Question 468
These are the four basic types of instructions

(a) (Input/Output, Arithmetic, Branching, and Logic) [Answer]
(b) (Input, Output, Goto, and Branching)
(c) (REM, PRINT, GoTo and END)
(d) All of the above

Question 469
These are the types of signals transmitted in a wireless network except _____?

(a) Visible light
(b) X-rays
(c) Gamma rays
(d) Alpha rays [Answer]

Question 470
These are what can be connected to a computer network except _____?

(a) Desktop
(b) Laptop
(c) Body [Answer]
(d) Scanner

Question 471
Third generation computers

(a) Were the first to use built-in error detecting device
(b) Used transistors instead of vaccum tubes [Answer]
(c) Were the first to use neural network
(d) None of the above

Question 472
This is a document produced at the problem definition stage

(a) Source of request of the program [Answer]
(b) Program narrative
(c) Program source code sheet
(d) Operator manual

Question 473
This is a method of program testing

(a) Use of Storage website
(b) Use of Storage dump [Answer]
(c) Use of Storage bean
(d) none of the above

Question 474
This is a stage in program development

(a) Accuracy
(b) Translation [Answer]
(c) Robustness
(d) Efficiency

Question 475
This is a type of instruction in computer programming

(a) logic instruction [Answer]
(b) Boolean instruction
(c) linear instruction
(d) non-linear instruction

Question 476
This is a typical logic operation.

(a) shift [Answer]
(b) add
(c) square root
(d) exponential

Question 477
This is a valid numeric constant in BASIC

(a) AB45
(b) -67.5 [Answer]
(c) 26$
(d) 5$7.7

Question 478
This is an example of Keyword in BASIC

(a) Algorithm
(b) Data [Answer]
(c) Information
(d) Flowchart

Question 479
This is an example of logic operation

(a) Begin
(b) Compare [Answer]
(c) Add
(d) Divide

Question 480
This is an example of program control statement

(a) Rem statement
(b) If...then statement [Answer]
(c) Print Statement
(d) Data statement

Question 481
This is an example of string variable in BASIC

(a) Sum
(b) BKG$ [Answer]
(c) "CSE DEPT"
(d) "162"

Question 482
This is an example of unconditional branching statement in BASIC:

(a) IF (K > 10) THEN 60
(b) GOTO 80 [Answer]
(c) IF (PI *R = 16) GOTO 80
(d) FOR (I = 1 TO 100) GOTO 20

Question 483
This is NOT a method of testing program correctness.

(a) Manual walk through
(b) Use of tracing routines
(c) Program documentation
(d) Problem definition [Answer]

Question 484
This is NOT an advantage of program documentation.

(a) it provides all necessary information for anyone who comes in contact with the program
(b) it helps users to determine the program's purpose
(c) it simplifies program maintenance
(d) it provides the storage dumps for the program [Answer]

Question 485
This is one of the guidelines for drawing flowcharts.

(a) flow charts are read from top to bottom [Answer]
(b) flowcharts are read from left to right
(c) flowcharts are read from bottom to top
(d) flow charts are read from right to left

Question 486
Three factor authentication uses

(a) something on your body [Answer]
(b) name and password
(c) something you have
(d) all of the above

Question 487
TI-ASC means

(a) Teaching Instruction Analytic Specific Code
(b) Texas Instrument Advanced Scientific Computer [Answer]
(c) Teaching Instrument Analytic Specific Code
(d) Texas Instruction Advanced Scientific Computer

Question 488
TRADIC means

(a) Transistor Digital Computer [Answer]
(b) Transmission Digit Computer
(c) Transmission Directed Computation
(d) Transistor Digitised Computer

Question 489
True AND (True OR False) AND (False OR True) evaluates to

(a) False
(b) True [Answer]
(c) All of the above
(d) None of the above

Question 490
True NAND False OR False NOR True evaluates to

(a) True [Answer]
(b) Not (True)
(c) False
(d) None of the above

Question 491
Turnaround time is a characteristic of

(a) Time-sharing OS
(b) Real-time OS
(c) Batch processing OS [Answer]
(d) Cyclomatic Time OS

Question 492
Two arithmetic operators can appear together in a given expression

(a) true
(b) false [Answer]
(c) i don't know
(d) none of the options is correct

Question 493
Two common counter measures to ensure the security of computer are:

(a) Firewall
(b) Antivirus
(c) A and B [Answer]
(d) Peopleware

Question 494
Two or more networks connected using devices such as a router is called .....

(a) Internetwork [Answer]
(b) Extranet
(c) Intranet
(d) World Wide Web

Question 495
Typical data transfer rate in LAN are of the order of

(a) Bits per sec [Answer]
(b) Kilo bits per sec
(c) Mega bits per sec
(d) None of the above

Question 496
Ultraviolet light is associated with

(a) Rays
(b) RAM
(c) ROM
(d) EPROM [Answer]

Question 497
UNIVAC means

(a) Universal Automation Computing
(b) Universal Automated Computer
(c) Universal Automatic Computer [Answer]
(d) Unified Automated Computer

Question 498
UPS means

(a) Unstopable Power Source
(b) Uninterrupted Power Supplier
(c) Uninterruptible Power Supply [Answer]
(d) Unstoppable Power Supply

Question 499
UPS means

(a) Unstopable Power Source
(b) Uninterrupted Power Supplier
(c) Uninterruptible Power Supply [Answer]
(d) Unstoppable Power Supply

Question 500
Vacuum tube is to 1st generation of computers as integrated circuit is to

(a) 3rd generation of computers [Answer]
(b) 4th generation of computers
(c) 5th generation of computers
(d) 6th generation of computers

Question 501
Vacuum tube technology is a characteristic of the

(a) 3rd Generation of Computers
(b) 2nd Generation of Computers
(c) 1st Generation of Computers [Answer]
(d) 4th Generation of Computers

Question 502
VLSI is made up of

(a) 1, 000, 000 devices per chip
(b) 1, 000 devices per chip
(c) 100, 000 devices per chip [Answer]
(d) 10, 000 devices per chip

Question 503
VP Planner is an example of

(a) Planning Software
(b) Operating System
(c) Spraedsheet [Answer]
(d) Word Processor

Question 504
WAN hardware includes

(a) Multiplexors and routers [Answer]
(b) EDF
(c) Bridger and modems
(d) None of the above

Question 505
What destructive program is similar to trojan horse but has a timing device?

(a) Malware
(b) Spyware
(c) Logic bombs [Answer]
(d) Worms

Question 506
What does a Computer Process

(a) Digits
(b) Data [Answer]
(c) Information
(d) Binary Digits

Question 507
What does the symbol asterisk(*) denote?

(a) addition
(b) multiplication [Answer]
(c) subtraction
(d) exponentiation

Question 508
What does the symbol caret (^) denote?

(a) addition
(b) multiplication
(c) subtraction
(d) exponentiation [Answer]

Question 509
What is a computer network?

(a) Group of interconnected computers [Answer]
(b) Group of interconnected objects
(c) Group of interconnected circuits
(d) Group of interconnected lines

Question 510
What is a left pointing arrow used to indicate in algorithms and flowcharts?

(a) assignment [Answer]
(b) comparison
(c) direction of flow
(d) output

Question 511
What is a statement in BASIC?

(a) it is an algorithmic pseudocode
(b) an executable line of code that performs a specific action [Answer]
(c) it is a flowchart equivalence of an algorithm
(d) an instruction for the compiler to perform an action

Question 512
What is a syntax error?

(a) error due to logic
(b) error due to lexis [Answer]
(c) error due to compiler
(d) error due to the system

Question 513
What is CAN?

(a) Computer Area Network
(b) Congress Area Network
(c) Campus Area Network [Answer]
(d) Congregation Area Network

Question 514
What is the BASIC equivalence of the algebraic expression 2A+B?

(a) 2(A)+B
(b) 2(A+B)
(c) 2*A+B [Answer]
(d) 2*A+(B)

Question 515
What is the floating Point Representation of 8,260,000,000

(a) 8.620 x 10 to power (10)
(b) 0.862 x 10 to power (9)
(c) 0.862 x 10 to power (10) [Answer]
(d) 8.620 x 10 to power (9)

Question 516
What is the floating Point Representation of 8,260,000,000

(a) 0.862 x 10 to power (10) [Answer]
(b) 0.862 x 10 to power (9)
(c) 8.620 x 10 to power (10)
(d) 8.620 x 10 to power (9)

Question 517
What is the floating Point Representation of 0.0000005

(a) 0.5 x 10 to power (-7)
(b) 0.5 x 10 to power (-6) [Answer]
(c) 5.0 x 10 to power (-7)
(d) 5.0 x 10 to power (-6)

Question 518
What is the floating Point Representation of 0.0000005

(a) 0.5 x 10 to power (-6) [Answer]
(b) 0.5 x 10 to power (-7)
(c) 5.0 x 10 to power (-7)
(d) 5.0 x 10 to power (-6)

Question 519
What is the full meaning of BASIC?

(a) Basic All-purpose System Instruction Code
(b) Beginners' All-purpose Scientific Instruction Code
(c) Beginners' All-purpose Symbolic Instruction Code [Answer]
(d) Basic All-purpose Scientific Instruction Character

Question 520
What is the general name for all programs that are harmful to the Computer System

(a) Virus
(b) Malware [Answer]
(c) Worms
(d) Trojan Horse

Question 521
What is the one's complement representation of 1011

(a) 1011
(b) 0100
(c) 0011
(d) 0100 [Answer]

Question 522
What is the one's complement representation of 1100

(a) 1011
(b) 0100
(c) 0011 [Answer]
(d) 0100

Question 523
What is the purpose of testing during program development?

(a) To check whether the program is completed
(b) To check whether the program is long
(c) To check whether the program is consistently correct
(d) To check the variables in the program

Question 524
What is the Scientific Representation of 8,260,000,000

(a) 0.862 x 10 to power (10)
(b) 0.862 x 10 to power (9)
(c) 8.620 x 10 to power (10)
(d) 8.620 x 10 to power (9) [Answer]

Question 525
What is the Scientific Representation of 0.0000005

(a) 0.5 x 10 to power (-6)
(b) 0.5 x 10 to power (-7)
(c) 5.0 x 10 to power (-7) [Answer]
(d) 5.0 x 10 to power (-6)

Question 526
What is the symbol asterisk (*) used to denote in BASIC?

(a) multiplication [Answer]
(b) exponentiation
(c) logarithm
(d) floating point

Question 527
What is the symbol caret (^) used to denote in BASIC?

(a) multiplication
(b) exponentiation [Answer]
(c) logarithm
(d) base two

Question 528
What is the two's complement representation of 1101

(a) 1011
(b) 0100
(c) 0011 [Answer]
(d) 0100

Question 529
What is the two's complement representation of 1100

(a) 1011
(b) 0100 [Answer]
(c) 0011
(d) 0100

Question 530
What kind of network can be wired with buses such as USB and firewire?

(a) LAN
(b) MAN
(c) WAN
(d) PAN [Answer]

Question 531
What kind of topology requires a tap to connect to its cable?

(a) Ring
(b) Star
(c) Mesh
(d) Bus [Answer]

Question 532
What kind of transmisson penetrate solid objects?

(a) Wireless [Answer]
(b) Wired
(c) Star
(d) Client-server

Question 533
What protects computer from viruses and other destructive programs?

(a) Biometrics
(b) Antivirus [Answer]
(c) Hackers
(d) Malware

Question 534
What type of network covers a broad geographical area?

(a) WAN [Answer]
(b) LAN
(c) CAN
(d) MAN

Question 535
What type of topology has computers tied to a central computer called server?

(a) Star [Answer]
(b) Bus
(c) Ring
(d) Hub

Question 536
What will be displayed on the screen given the instruction: PRINT "The area is "; X"cm sq."?

(a) Xcm sq.
(b) X
(c) The area is Xcm sq. [Answer]
(d) The area is X.

Question 537
What year was C Language developed?

(a) 1994
(b) 1972 [Answer]
(c) 1984
(d) 1990

Question 538
When a READ keyword is used, which other BASIC keyword must necessarily accompany it for execution?

(a) INPUT
(b) READ
(c) LET
(d) DATA [Answer]

Question 539
When does a syntax error occur?

(a) at run-time
(b) at program time
(c) at typing time
(d) at compile time [Answer]

Question 540
When drawing flowchart,K.E.=1/2 x mass xVelocity Xvelocity will be put in:

(a) A Square box
(b) A rectangular box [Answer]
(c) A parallelogram box
(d) A circular box

Question 541
When the computer network is classified based on transmission medium, we have

(a) wired and wireless network [Answer]
(b) wired and optical fibre
(c) wireless and ethernet
(d) LAN and WAN

Question 542
Which among the following are methods for representing real numbers

(a) Fixed-Point and Variable Point
(b) Fixed-Point and Floating Point [Answer]
(c) Floating Point and Variable Point
(d) None of the Above

Question 543
Which bit represents the parity bit?

(a) Least Significant Bit
(b) Middle Significant Bit
(c) Center Significant Bit
(d) Most Significant Bit [Answer]

Question 544
Which City was invaded with the Trojan Horse

(a) Rome
(b) Troy [Answer]
(c) Athens
(d) Capua

Question 545
Which command is used for unconditional transfer of control from one line to any other line in BASIC?

(a) if ...then
(b) go to [Answer]
(c) if ... then ... else
(d) for ... to

Question 546
Which company produced Norton Anti-Virus

(a) Microsoft
(b) Oracle
(c) Network Associates
(d) Symantec [Answer]

Question 547
Which dangerous Program hides within other harmless programs

(a) Trojan Horse [Answer]
(b) Logic Bomb
(c) Virus
(d) Spyware

Question 548
Which destructive program usually spreads over network connections

(a) Worms [Answer]
(b) Viruses
(c) Trojan Horses
(d) Malwares

Question 549
Which is an advantage of program documentation

(a) Solves problem
(b) Simplifies program maintainance [Answer]
(c) Dictates managerial decision
(d) it is not relevant

Question 550
Which kind of authentication uses Retinal Scan

(a) Biometric
(b) Three factors [Answer]
(c) Body Sensitive
(d) Physical

Question 551
Which Language involves programming with 0's and 1's

(a) Binary Language
(b) Machine Language [Answer]
(c) Coded Language
(d) Leveled Lamguage

Question 552
Which of the following Basic statements will be put in a parallelogram box if converted to a flow chart?

(a) LET A = B+c
(b) GOTO 50
(c) PRINT X,Y [Answer]
(d) IF (K> 3) THEN 45

Question 553
Which of the following communication modes support two-way traffic but in only one direction at a time?

(a) simplex
(b) half duplex [Answer]
(c) three-quarters duplex
(d) all of the above

Question 554
Which of the following devices can be used to directly input printed text

(a) OCR [Answer]
(b) OMR
(c) MICR
(d) None of the above

Question 555
Which of the following gives the BASIC equivalence of the algebraic expression: B^2-4AC?

(a) B2-4*A*C
(b) B^2-(4^A^C)
(c) B^2-4*A*C [Answer]
(d) B*B-(4AC)

Question 556
Which of the following holds the ROM, CPU, RAM and expansion cards

(a) Hard disk
(b) Cache memory
(c) Mother board [Answer]
(d) None of the above

Question 557
Which of the following in NOT a valid BASIC integer constant?

(a) 234
(b) 765.54
(c) 23E2
(d) 1234E222 [Answer]

Question 558
Which of the following is a necessary document in program development

(a) Degree of the programmer
(b) User mannual [Answer]
(c) User Address
(d) Director's Biodata

Question 559
Which of the following is a valid number System

(a) Binary
(b) Decimal
(c) Octal
(d) All of the above [Answer]

Question 560
Which of the following is correct?

(a) Logical operations are those operations that result in either Zero or One
(b) Logical operations are those operations that result in either True or False
(c) Logical operations are those operations that result in either Yes or No
(d) All of the above [Answer]

Question 561
Which of the following is correct?

(a) Logical operations are used to decide if an expression will be True or False
(b) Logical operations are used to decide if an expression will be High or Low
(c) Logical operations are used to decide if an expression will be Good or Bad
(d) All of the above [Answer]

Question 562
Which of the following is not a characteristic of a computer?

(a) Speed
(b) Accuracy
(c) Autocratic [Answer]
(d) Flexibility

Question 563
Which of the following is not a high-level language?

(a) BASIC
(b) Motorola [Answer]
(c) Cobol
(d) Java

Question 564
Which of the following is not a logical operator?

(a) IF [Answer]
(b) NOT
(c) AND
(d) OR

Question 565
Which of the following is NOT a step involved in the preparation of a computer program.

(a) Transcribing the instructions into machine sensible form
(b) Debugging the program
(c) Testing the program
(d) Obtaining a comfortable computing environment [Answer]

Question 566
Which of the following is not a valid number System

(a) Binary
(b) Decimal
(c) Octadecimal [Answer]
(d) Octal

Question 567
Which of the following is NOT a version of a BASIC interpreter or compiler.

(a) turbo BASIC
(b) GW BASIC
(c) BASICA
(d) UNICODE BASIC [Answer]

Question 568
Which of the following is not an example of Operating System?

(a) Windows 98
(b) BSD Unix
(c) Microsoft Office XP [Answer]
(d) Red Hat Linux

Question 569
Which of the following is not correct about algorithm

(a) It must be finite
(b) It must be a chart [Answer]
(c) It must take input
(d) None of the above

Question 570
Which of the following is not true about an algorithm

(a) must be effective
(b) must be Precise
(c) must be ambiguous [Answer]
(d) must be finite

Question 571
Which of the following is the full meaning of ANSI?

(a) African National Standards Interface
(b) African National Standards Institute
(c) American National Standards Institute [Answer]
(d) American National Standards International

Question 572
Which of the following is the odd one out?

(a) Extranet.
(b) Ethernet. [Answer]
(c) Intranet.
(d) Internet.

Question 573
Which of the following is true about flowchart

(a) Good illustration for teaching [Answer]
(b) very cumbersome to design
(c) Not good for learners
(d) modification is not easy

Question 574
Which of the following is true about flowcharts?

(a) Good illustration for teaching [Answer]
(b) very cumbersome to design
(c) Not good for learners
(d) modification is not easy

Question 575
Which of the following memories is the most expensive:

(a) CACHE [Answer]
(b) RAM
(c) ROM
(d) Auxilliary
(e) PROM

Question 576
Which of the following memories is volatile

(a) PRAM
(b) PROM
(c) RAM [Answer]
(d) EPRAM
(e) EAPROM

Question 577
Which of the following might be used by a company to satisfy its growing communications needs?

(a) front end processor
(b) multiplexer
(c) controller
(d) all of the above [Answer]

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Question 578
Which of the following not an example of methods developed for solving a problem during the stages of programming?

(a) pseudocodes
(b) flowcharts
(c) algorithms
(d) debugging [Answer]

Question 579
Which of the following packages is used for composition in printing press?

(a) Lotus
(b) dBase
(c) Page Maker [Answer]
(d) Word Perfect

Question 580
Which of the following performs modulation and demodulation?

(a) fiber optics
(b) satellite
(c) coaxial cable
(d) modem [Answer]

Question 581
which of the following statement is correct about Assembly language?

(a) Storage addresses of the operands are expressed as a symbol [Answer]
(b) the operands are expressed with the actual numeric data
(c) operation code is expressed as binary numbers
(d) operands are completely ommitted from the operation code

Question 582
Which of the following statements does not describe an algorithm?

(a) It is set of rules for carrying out calculations either by hand or using machine
(b) It is a sequence of computational steps that transdorm input into output
(c) It is an abstraction of a program to be executed on a physical machine
(d) It is an infinite step-by-step procedure to achieve a required result [Answer]

Question 583
Which of the following suggests the appropriate use of the READ command?

(a) <line number> READ <list of variables> [Answer]
(b) READ <line number> <list of variables>
(c) READ <line number> <list of expressions>
(d) <line number> <list of variables> READ

Question 584
Which of the following terms could be used to describe the concurrent processing of computer programs via CRTs, on one computer system?

(a) Time sharing
(b) On-line processing
(c) Interactive processing
(d) All of these [Answer]

Question 585
Which of the following is NOT a correct rule that must be adhered to when programming in the standard BASIC language?

(a) multiple statement of instructions can appear on the same line [Answer]
(b) each statement number is followed by a BASIC command or keyword
(c) no two statements can have the same numbers
(d) the statement number must be in ascending order

Question 586
Which of the programming language is capable of producing the most efficient program as far as storage requirement is concerned?

(a) Machine language [Answer]
(b) Assembly language
(c) Pascal language
(d) Very high level language

Question 587
Which of the programming languages allows the user to take the advantage of all the features and capabilities of the computer for which it was designed?

(a) Machine language [Answer]
(b) Assembly language
(c) Pascal language
(d) Very high level language

Question 588
Which of these allows users to specify what they require without describing the procedure to meet the requirement/

(a) Machine language
(b) Assembly language
(c) High level language
(d) Very high level language [Answer]

Question 589
Which of these directs the internal operations of a computer?

(a) Application software
(b) Visual Display Unit
(c) System Software [Answer]
(d) Machine language

Question 590
Which of these is a valid arithmetic expression in BASIC

(a) A+-D
(b) A+(-D) [Answer]
(c) A$ + D
(d) A +D$

Question 591
Which of these is a valid string constant in BASIC

(a) Sum=56
(b) "Sum =56" [Answer]
(c) Sum=56$
(d) 56$

Question 592
Which of these is an example of an antivirus?

(a) Ablast
(b) Avira [Answer]
(c) McAfew
(d) Liony

Question 593
Which of these is NOT a basic type of instruction that can be given to a computer?

(a) input output instruction
(b) arithmetic instruction
(c) logic instruction
(d) command instructions [Answer]

Question 594
Which of these is NOT a characteristic of the Fourth Generation Computer Language?

(a) A software intended to help programmers to develop their application more quickly
(b) A software intended to help programmers to develop their application more cheaply
(c) A software that allows user to specify what they require and does the detailed procedure by which the requirements are met.
(d) A software that allows users to exchange electronic mails and browse the internet. [Answer]

Question 595
Which of these is not a characteristics of a Computer

(a) Speed
(b) Automatic [Answer]
(c) Accuracy
(d) Storage

Question 596
Which of these is not a component of hardware

(a) I/O
(b) Peripherals
(c) Main Board [Answer]
(d) Memory

Question 597
Which of these is not a part of the Computing System

(a) Users
(b) Computer Network [Answer]
(c) Computer System
(d) Environment

Question 598
Which of these is not part of what information and property is protected from?

(a) Natural disasters
(b) Theft
(c) Corruption
(d) Host program [Answer]

Question 599
Which of these is not valid in BASIC

(a) B/D
(b) D/0 [Answer]
(c) B*D
(d) D*0

Question 600
Which of these is true about REM STATEMENT in BASIC language

(a) It si an input statement
(b) Helps programmer to understand the program [Answer]
(c) It is used for looping
(d) It gives output

Question 601
Which of these is valid in BASIC

(a) Log(Sin)
(b) Log(X) [Answer]
(c) LOg (x)
(d) Sin Log (X)

Question 602
Which of these languages is less difficult to program with?

(a) Machine language
(b) Assembly language
(c) Pascal language [Answer]
(d) Hexadecimal language

Question 603
Which of these programming languages provide programming aids to programmer

(a) High level language
(b) Very high level language [Answer]
(c) Machine language
(d) Very low level language

Question 604
Which of these rules must be adhered to when programming in the standard BASIC language?

(a) each statement of instruction must appear on a separate line [Answer]
(b) a statement on one line can exceed 80 characters
(c) a statement must not start with a statement number
(d) two statements can have the same numbers

Question 605
Which of these statements is true about Algorithm

(a) It is a diagram
(b) It is a Chart
(c) It must not be ambiguous [Answer]
(d) It must not be effective

Question 606
Which of these statements is true about an Algorithm?

(a) It is a diagram
(b) It is a Chart
(c) It must not be ambiguous [Answer]
(d) It must not be effective

Question 607
Which of theses is not a characteristics of a Computer

(a) Speed
(b) Automatic [Answer]
(c) Accuracy
(d) Storage

Question 608
Which one is a valid way to assess function in BASIC?

(a) SIN (A > D)
(b) SIN(A < D)
(c) SIN(A + D) [Answer]
(d) SIN (A + D)

Question 609
which one is correct about BASIC language?

(a) It is an all- time language
(b) It is binary language
(c) It is an all purpose language [Answer]
(d) It is meant for scientific purposes

Question 610
which one is correct about logical operators

(a) they are used to connect two or more relations and return an arithmetic value
(b) they are used to connect two or more relations and return a boolean value [Answer]
(c) they return an expression
(d) they can connect anything

Question 611
Which one is correct IN BASIC?

(a) FOR I = 1 TO 100 DO ... NEXT I
(b) FOR I = 1 TO 100 ... NEXT I
(c) FOR I = 1 TO 100 STEP 5 ... NEXT I [Answer]
(d) FOR I = 1 TO 100 STEP I ... NEXT 5

Question 612
Which one is correct?

(a) Debuggers are programs that locate errors in application programs [Answer]
(b) Debuggers are programs that locate errors in system softwares
(c) Debuggers locate errors in manufacturers programs
(d) Debuggers converts errors in application programs

Question 613
Which one is not a level of programming language

(a) Machine Language
(b) High Level Language
(c) Middle level Language [Answer]
(d) Assembly Language

Question 614
Which one is not a level of programming language

(a) Machine Language
(b) High Level Language
(c) Middle level Language [Answer]
(d) Assembly Language

Question 615
Which one is valid in BASIC?

(a) FOR J = 120 TO 20 DO ...STEP5
(b) FOR J = 120 TO 20 DO ...STEP-5
(c) FOR J = 120 TO 20 STEP -5 ... NEXT J [Answer]
(d) FOR J = 120 TO 20 STEP 5 ... NEXT J

Question 616
which one of the following is NOT a characteristic of an algorithm?

(a) a finite set of actions
(b) each action in the set has a unique successor
(c) the set of actions has a unique initial action
(d) the set of action terminates before a solution is found [Answer]

Question 617
Which one of the following is not a programming language of a computer?

(a) BASIC
(b) FORTRAN
(c) LASER [Answer]
(d) PASCAL

Question 618
Which one of the following is not a computer language?

(a) BASIC
(b) COBOL
(c) LOTUS [Answer]
(d) FORTRAN

Question 619
Which one of the following languages has better operating speed?

(a) Machine language [Answer]
(b) Assembly language
(c) Basic language
(d) Very high level language

Question 620
Which one of the following languages is generally described as the Fourth Generation Language?

(a) Assembly Language
(b) High Level Language
(c) Machine Language
(d) Very High Level Language [Answer]

Question 621
Which one of the following provides the most accurate definition of a database?

(a) A resource that can be used to collect, organise and store data as a single unit. [Answer]
(b) A resource that can be used to analyse and manipulate numerical data.
(c) A resource that can be used to produce word-based documents.
(d) A resource that can be used to design and develop a website.

Question 622
Which one of these languages is machine dependent?

(a) Machine language [Answer]
(b) High level language
(c) Pascal language
(d) Very high level language

Question 623
Which one of these languages is structured according to the data stored in the computer memory/

(a) Machine language [Answer]
(b) High level language
(c) Basic language
(d) Very high level language

Question 624
Which one of these languages possesses higher flexibility?

(a) Machine language
(b) Assembly language
(c) Basic language [Answer]
(d) very low level language

Question 625
Which One of these programming language categories refers to software rather than language

(a) Machine language
(b) Assembly language
(c) High level language
(d) Very high level language [Answer]

Question 626
Which operation is indicated by a parallelogram in flowchart?

(a) Decision
(b) Processing
(c) Input/Output [Answer]
(d) Looping

Question 627
Which part of the Computer is the Harware

(a) Touchable
(b) Physical [Answer]
(c) Seeable
(d) Feelable

Question 628
Which shape encloses an assignment statement in a flowchart?

(a) Kite
(b) Rectangle [Answer]
(c) parallelogram
(d) Oval

Question 629
Which shape encloses an LET statement in a flowchart

(a) Kite
(b) Rectangle [Answer]
(c) parallelogram
(d) Oval

Question 630
Which warrior was connected with the Trojan Horse

(a) Spartacus
(b) Odysseus [Answer]
(c) Archilles
(d) Julius Caeser

Question 631
Who conceived/invented BASIC programming?

(a) John Kenedy and Blaise Pascal
(b) John Kemeny and Thomas Kurtz [Answer]
(c) John Thomas and Kemeny Kurtz
(d) John Blaise and Kenedy Pascal

Question 632
Who developed the C Language

(a) Linus Tovald
(b) C Richardson
(c) Dennis Ritchie [Answer]
(d) Steve Jobs

Question 633
Who was the inventor of mechanical calculator for adding numbers?

(a) Charles Babbage
(b) Peano
(c) Newton
(d) Pascal [Answer]

Question 634
Wide area networks (WANs) always require

(a) High bandwidth communication source link
(b) High speed processors
(c) A and B [Answer]
(d) None of the above

Question 635
Within a computer network, a router would perform which one of the following functions?

(a) Amplify and rebroadcast signals in a network.
(b) Provide for communication within the network.
**(c) Select network pathways/links within a network for the flow of data/information.
[Answer]**
(d) Forward data packets to their network destination.

Question 636
Word Perfect, Word star and Microsoft word are examples of

(a) User-defined software
(b) Generalised software [Answer]
(c) System software
(d) A and C

Question 637
WORM means

(a) Write Only, Read More
(b) Write Once, Read More
(c) Write Once, Read Many [Answer]
(d) Write Only, Read Many

Question 638
WPAN means

(a) Wired Preview Adjusted Network
(b) Wireless Private Area Network
(c) Wireless Private Area Networking
(d) Wireless Personal Area Network [Answer]

Question 639
Writing programs in Machine language is

(a) time-consuming, susceptible to errors and very easy
(b) time-consuming, symbolic and tedious
(c) time-consuming, susceptible to errors, tedious [Answer]
(d) time-consuming, susceptible to errors and symbolic

Question 640
_____ are programs that overwrite or replace another program in order to reproduce itself?

(a) Malware
(b) Computer Viruses [Answer]
(c) Firewall
(d) Worms

Question 641
_____ contains multiple ports to link one device to another?

(a) Routers
(b) Hubs [Answer]
(c) Servers
(d) Bridges

Question 642
_____ is a type of signal transmitted in a network?

(a) Alpha ray
(b) Infrared light [Answer]
(c) Signs
(d) Noise

Question 643

_____ tells the computer the data items involved in an operation

(a) Program
(b) Operation code
(c) Operation
(d) Operand [Answer]

Question 644

_____is a type of threat to a computer or its network

(a) spyware
(b) viruses
(c) worms
(d) All of the above [Answer]

Question 645

_____ informs the computer what to do

(a) Operands
(b) Data
(c) Operation Code [Answer]
(d) Symbols

Question 646

_____is used to create programs on internet

(a) C++
(b) HTML
(c) C language
(d) Java script [Answer]

Question 647

1 Gigabyte is 2 raised to power _____ bytes

(a) 30 [Answer]

Question 648

1 Megabyte is 2 raised to power _____ bytes

(a) 20 [Answer]

Question 649
1 Terabyte is 2 raised to power _____ bytes

(a) 40 [Answer]

Question 650
The system software can be divided into operating system and _____

(a) firmware [Answer]

Question 651
A kilo byte is exactly equals to _____ bytes

(a) 1024 [Answer]

Question 652
TRADIC means

(a) Transistor Digital Computer [Answer]

Question 653
Computers can be classified as Digital, _____, or Hybrid.

(a) analog* [Answer]

Question 654
Real numbers can be represented on the computer using _____ and floating point representations

(a) Fixed [Answer]
(b) Fixed Point [Answer]

Question 655
1011001_2 equals _____ in hexadecimal.

(a) 59 [Answer]

Question 656
What is the value of 7236_8 in binary?

(a) 111010011110 [Answer]

Question 657
What is the value of BED_{hex} in binary?

(a) 101111101101 [Answer]

Question 658
Signed numbers can be represented on the computer using _____, one's and two's complement

(a) sign* magnitude* [Answer]

Question 659
The two's complement of 9_{10} using 4bits is _____

(a) 0111 [Answer]

Question 660
[multiplication symbol]
 The above is a _____ gate
PS: Image not found

(a) AND [Answer]

Question 661
[inversion symbol]
 The above is a _____ gate
PS: Image not found

(a) NOT [Answer]

Question 662
The figure below is a _____ gate.
 [addition symbol]
PS: Image not found

(a) OR [Answer]

Question 663
Another name for the base in floating point representation is _____

(a) radix [Answer]

Question 664
BCD means _____

(a) Binary Coded Decimal [Answer]

Question 665
What is 30_{10} in binary using five bits? _____$_2$

(a) 11110 [Answer]

Question 666
0.375_{10} equals _____ in base two

(a) 0.011 [Answer]

Question 667
Convert 12.75_{10} to binary.

(a) 1100.11 [Answer]

Question 668
Convert 1101.01_2 to decimal.

(a) 13.25 [Answer]

Question 669
10_{10} equals _____ in 8421BCD?

(a) 00010000 [Answer]

Question 670
A set of interconnected networks that uses some network protocol is called?

(a) Intranet [Answer]
(b) internet [Answer]

Question 671
Adobe Pagemaker and Ventura are examples of packages used for

(a) Desktop Publishing [Answer]
(b) Publishing [Answer]

Question 672
All Programs that are harmful to the Computer System are referred to as

(a) MALWARE [Answer]
(b) VIRUS [Answer]

Question 673
ALU means

(a) Arithmetic and Logical Unit [Answer]
(b) Arithmetic and Logic Unit

Question 674
Application Softwares can be sub-divided into two classes. Mention any one of them

(a) Generali*sed Software [Answer]
(b) User* defined Software [Answer]

Question 675
ARPANET means

(a) Advanced Research Projects Agency NETworks [Answer]

Question 676
BASIC means

(a) Beginners All-purpose Symbolic Instruction Code [Answer]
(b) Beginners Allpurpose Symbolic Instruction Code [Answer]
(c) Beginners All purpose Symbolic Instruction Code [Answer]

Question 677
BGP means

(a) Border Gateway Protocol [Answer]

Question 678
BIOS means

(a) Basic Input Output System [Answer]

Question 679
COBOL means

(a) Common Business Oriented Language [Answer]

Question 680
Components that restricts access between protected network is called?

(a) firewall [Answer]

Question 681
DHCP means

(a) Dynamic Host Configuration Protocol [Answer]

Question 682
EPROM means

(a) Erasable Programmable Read Only Memory [Answer]

Question 683
FORTRAN means

(a) Formular Translator [Answer]
(b) Formula* Translator [Answer]

Question 684
FTP means

(a) File Transfer Protocol [Answer]

Question 685
How many are the geographical classification of computer networks?

(a) 5 [Answer]

Question 686
How many typical parameters are for classifying network?

(a) 4 [Answer]

Question 687
HP stands for

(a) Hewlett Packard [Answer]

Question 688
In Subtraction using one's complement, which is complemented, minuend or subtrahend?

(a) sub*trahend [Answer]

Question 689
In Subtraction using two's complement, which is complemented, minuend or subtrahend?

(a) sub*trahend [Answer]

Question 690
Lexical Analysis and Code Generation are both stages in

(a) Compil*ation [Answer]

Question 691
LOTUS 123 and SuperCalc are both examples of what kind of software application?

(a) Spreadsheet* [Answer]

Question 692
McAfee is to Network Associate while Norton is to

(a) Symantec [Answer]

Question 693
NASA means

(a) National Aeronautics and Space Administration [Answer]

Question 694
NAT means

(a) Network Address Translation [Answer]

Question 695
NSF means

(a) National Science Foundation [Answer]

Question 696
PDA means

(a) Pocket Digital Assistant [Answer]

Question 697
PROLOG means

(a) Programming in Logic [Answer]
(b) Programming Logic [Answer]

Question 698
RIM means

(a) Research in Motion [Answer]

Question 699
Source Program is to Programming Language as Object Code is to

(a) Machine* Language [Answer]

Question 700
SPSS means

(a) Statistical Packages for Social Sciences [Answer]
(b) Statistic* Package* Social Sciences [Answer]

Question 701
The full meaning of ASCII is

(a) American Standard Code for Information Interchange [Answer]

Question 702
The full meaning of EBCDIC is

(a) Extended Binary Coded Decimal Interchange Code [Answer]

Question 703
The general name for all programs that are harmful to the computer system is called?

(a) malware [Answer]

Question 704
The primary aim of connecting two or more computers together is to

(a) share resources [Answer]

Question 705
The types of Parity include

(a) even* [Answer]
(b) odd* [Answer]

Question 706
TI-ASC means

(a) Texas Instrument Advanced Scientific Calculator [Answer]
(b) Texas Instrument - Advanced Scientific Calculator [Answer]

Question 707
USB means

(a) Universal Serial Bus [Answer]

Question 708
What networking device forwards data packets between networks?

(a) router* [Answer]

Question 709
Who ordered the building of the Trojan Horse

(a) Odysseus [Answer]

Question 710
The second and third generations of computers fell between 1954-1972?

(a) true [Answer]
(b) false

Question 711
ASCII uses 7-bits to represent a character?

(a) true [Answer]
(b) false

Question 712
EBCDIC can represent a maximum of 128 different characters?

(a) true
(b) false [Answer]

Question 713
The mantissa in the floating point representation of real number ranges from 1 to 10?

(a) true
(b) false [Answer]

Question 714
If X=TRUE, Y= FALSE and Z= TRUE;
 what is X NAND Y NOR Z?

(a) true
(b) false [Answer]

Question 715

The general format for floating point representation is $N = m * b^e$

(a) true [Answer]
(b) false

Question 716

The two popular BCD codes are 8421 and 5421

(a) true
(b) false [Answer]

Question 717

Using an even parity, is this byte (10001100) transmitted correctly?

(a) true
(b) false [Answer]

Question 718

Using an odd parity, is this byte (10001100) transmitted correctly?

(a) true [Answer]
(b) false