Computer : Fundamental - Computer Awareness

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(1) The following device allows the user to add external components to a computer system?

A. Storage devices

B. Keyboards

C. Ports/ system boards

D. Diskettes

Answer (c) Ports/ system boards

(2) Software that manages data in more than one file at a time and these files are treated as tables with rows and columns rather than as lists of records is?

A. Relational Data Base Management Package

B. Data Base Management Package

C. Documentation Package

D. None of these

Answer (a) Relational Data Base Management Package

(3) A program that remains in the memory while other programs are executing?

A. Resident Program

B. Non-Resident Program

C. Permanent Program

D. None of these

Answer (a) Resident Program

(4) The total time elapsed between submission of command and data to a computer and getting the result of computation is the?

A. Access time

B. Response time

C. Entrance time

D. None of these

Answer (b) Response time

(5) An automatic machine that is made to perform routine human tasks is?

A. Computer

B. Robot

C. Tanker

D. None of these

Answer (b) Robot

(6) The time required to complete a single, continuous execution of an object program is called?

A. Run time

B. Access time

C. Random time

D. Response time

Answer (a) Run time

(7) Computer network is a?

A. A distributed data processing system

B. Multiple computers are linked together for the purpose of data communication and resource sharing

C. Both A & B are false

D. Both A & B are true

Answer (d) Both A & B are true

(8) A process of collecting, organizing, storing and otherwise maintaining a complete historical record of programs and other documents used or prepared during the different phases of the system is called?

A. Documentation

B. Document reader

C. Data process

D. None of these

Answer (a) Documentation

(9) What are connector symbol??

A. They are used in a flowchart

B. It represents a junction in a flow line

C. Often used to transfer flow between different pages of a lengthy chart

D. All the above

Answer (d) All the above

(10) Console is?

A. A device that enables human operators to communicate with the computer

B. A device that enables human operators not to communicate with the computer

C. Communication between computers

D. None of these

Answer (a) A device that enables human operators to communicate with the computer

(11) Constant is a value written into a program instruction?

A. that does not change during the execution of the program

B. that can change during the execution of the program

C. that can vary during the execution of the program

D. none of these

Answer (a) that does not change during the execution of the program

(12) A removable direct-access storage medium containing multiple magnetic disks mounted vertically on a single-shaft is referred as?

A. Tape pack

B. Disk pack

C. Cylinder

D. None of these

Answer (b) Disk pack

(13) Diskette is a?

A. A low-cost, thin flexible magnetic disk storage device

B. High volume storage device

C. Primary storage device

D. None of these

Answer (a) A low-cost, thin flexible magnetic disk storage device

(14) An optical input device that is used to read documents printed in a special type font is known as?

A. Document reader

B. Documentation

C. Printer

D. None of these

Answer (a) Document reader

(15) For checking spelling one uses?

A. Dictionary Disk

B. Index disk

C. Directory

D. None of these

Answer (a) Dictionary Disk

(16) Process of finding/ correcting program errors is?

A. Bugs

B. Debugging

C. Hacking

D. Cracking

Answer (b) Debugging

(17) Diagnostic routines is a?

A. Programs used to print error messages

B. Indicates system problems and improper program instructions

C. Both A & B are true

D. None of these

Answer (c) Both A & B are true

(18) The term DBMS is referred to?

A. Data Base Management system

B. The software used for the management, maintenance and retrieval of the data stored in a data base

C. Both A & B are true

D. None of these

Answer (c) Both A & B are true

(19) The speed at which data is transferred from the main memory to another medium on which data are recorded is referred as?

A. Data transfer rate

B. Byte

C. Buds

D. None of these

Answer (a) Data transfer rate

(20) The time period during which a computer is malfunctioning or not operating correctly due to machine failures is referred as?

A. Downtime

B. Uptime

C. Runtime

D. None of the above

Answer (a) Downtime

(21) Automatic execution of high-priority computer programs that have been designed to preempt the use of computer resources is referred as?

A. Foreground processing

B. background processing

C. black processing

D. white processing

Answer (a) Foreground processing

(22) Digitizer is an input device?

A. Used to convert graphic and pictorial data into binary inputs for a digital computer

B. Used to convert graphic and pictorial data into analog inputs for a digital computer

C. Used for debugging

D. None of these

Answer (a) Used to convert graphic and pictorial data into binary inputs for a digital computer

(23) A storage devices where the access time is effectively independent of the location of the data is referred as?

A. Primary storage

B. Secondary storage

C. Direct access

D. None of these

Answer (c) Direct access

(24) A pictorial representation that uses predefined symbols to describe either the logic of a computer program or the data flow and processing steps of a system is referred as?

A. Algorithm

B. Program

C. Document reader

D. Flowchart

Answer (d) Flowchart

(25) A flat, circular plate coated with a magnetic material on which data can be stored by magnetization of portions of the flat surface is?

A. Disk

B. Tape

C. Pen drive

D. None of these

Answer (a) Disk

(26) Disk operating system is referred for?

A. DOS

B. Operating system which contains the disk-oriented commands and uses disk devices for permanent storage

C. Both A & B

D. None of these

Answer (c) Both A & B

(27) Document reader is?

A. A device that arrange the documents

B. An optical input device used to read documents

C. A device that is used to edit document

D. None of these

Answer (b) An optical input device used to read documents

(28) One or more identifying lines printed at the bottom of a page are referred as?

A. Header

B. Footer

C. Index

D. None of these

Answer (b) Footer

(29) FORTRAN is?

A. Formula Translation

B. A high-level mathematically oriented programming language

C. Both A & B

D. None of these

Answer (c) Both A & B

(30) A CPU designed specifically to handle the communications processing task with main purpose is to off-load communications processing task from the host computer so that the host computer can be dedicated for applications and data processing jobs.?

A. Backend processor

B. Front-end processor

C. Node processor

D. None of these

Answer (b) Front-end processor

(31) An adder which adds three binary digits and outputs a result bit and a carry bit is referred as?

A. Half adder

B. Quarter adder

C. Full adder

D. None of these

Answer (c) Full adder

(32) Emulator is a program that?

A. Permits one computer to execute the machine-language instructions of another computer of a different make

B. Which is not broken down into smaller units

C. Permits one computer to execute the machine-language instructions of another computer of same make

D. None of these

Answer (a) Permits one computer to execute the machine-language instructions of another computer of a different make

(33) EDP is referred to?

A. Electronic Data Processing

B. Data processing through equipment that is predominantly electronic such as digital computer

C. Both A & B

D. None of these

Answer (c) Both A & B

(34) Internet banking is an example of?

A. Electronic funds transfer (EFT)

B. EDP (Electronic Data Processing)

C. EBCDIC

D. ASCII

(35) EBCDIC is?

A. 6-bit coding system

B. 7-bit coding system

C. 8-bit coding system

D. 9-bit coding system

Answer (c) 8-bit coding system

(36) A data communication facility on which data can be transmitted in two directions is referred as?

A. Duplex

B. Simplex

C. Triplex

D. None of these

Answer (a) Duplex

(37) Electronic Mail /Message System (EMMS) best suits to?

A. Telephone service

B. Telegraph service

C. Postal service

D. None of these

Answer (c) Postal service

(38) Digital Computer is a computer?

A. that works with analog quantities

B. that works with discrete quantities

C. Both A & B

D. None of these

Answer (b) that works with discrete quantities

(39) The subdivision of fields?

A. always done to give the programmer greater flexibility

B. dependent on programming language used

C. never accomplished on fields containing numeric data

D. all the above

Answer (b) dependent on programming language used

(40) The checking operation performed on input is called?

A. verification of data

B. vilification of data

C. control of data

D. validation of data

Answer (d) validation of data

(41) A device that attaches to both ends of an electrical bus and prevents reflection of echoes of signals that reach the end of the bus is called?

A. Terminator

B. Connector

C. Processor

D. None of these

Answer (a) Terminator

(42) A device mounted on a communication satellite which receives, amplifies and retransmits signals' from earth stations is called?

A. Terminator

B. Connector

C. Processor

D. Transponder

Answer (d) Transponder

(43) Technique of using disk space to make programs believe that the system contains more random access memory (RAM) than is actually available is called?

A. Virtual memory

B. Secondary memory

C. Primary memory

D. None of these

Answer (a) Virtual memory

(44) A term means that the application software is priced separately from the computer hardware is called?

A. Bundled

B. Unbundled

C. Utility

D. None of these

Answer (b) Unbundled

(45) Following is not the operating system?

A. UNIX

B. DOS

C. WINDOWS

D. BASIC

Answer (d) BASIC

(46) Which of the following is true concerning personal computers??

A. They have been most successful in the home.

B. They are user friendly

C. No specific programming technique required

D. All the above

Answer (d) All the above

(47) While buying a PC system, one should first?

A. identify hardware components

B. define computing needs

C. both A and B

D. None of these

Answer (c) both A and B

(48) The microcomputers which have the same operating characteristics as the IBM microcomputers are called?

A. IBM desktop

B. IBM PC

C. IBM advanced computers

D. None of theses

Answer (b) IBM PC

(49) The personal computers are also referred as?

A. desktop micros

B. advanced computers

C. palmtop computers

D. all the above

Answer (a) desktop micros

(50) POS data-entry system is used extensively by?

A. banking industry

B. grocery industry

C. railroad industry

D. word-processing industry

Answer (b) grocery industry

(51) Primary advantage of key-to-tape data-entry systems?

A. A large percentage of editing can be performed at the time of data entry

B. Key verification is easily performed

C. The tape is reusable

D. Keying errors can be detected as they occur

Answer (c) The tape is reusable

(52) Maximum character EBCDIC can code?

A. 8

B. 16

C. 64

D. 256

Answer (d) 256

(53) The hexadecimal number system has a base of?

A. 2

B. 4

C. 8

D. 16

Answer (d) 16

(54) The use of parity bit is for?

A. coding

B. indexing

C. error-detection

D. none of these

Answer (c) error-detection

(55) The following are basic types of recordaccess methods?

A. sequential and random

B. direct and immediate

C. sequential and indexed

D. on-line and real-time

Answer (a) sequential and random

(56) Which of the following is input/output device??

A. monitors

B. punched cards

C. optical scanners

D. all the above

Answer (d) all the above

(57) The following magazine covers only the IBM PC and its compatibles?

A. Byte

B. PC Magazine

C. Personal Computing

D. Interface Age

Answer (b) PC Magazine

(58) The word size of a microprocessor refers to:?

A. the number of machine operations performed/ second

B. the amount of information that can be stored / cycle

C. the amount of information that can be stored in bytes

D. none of these

Answer (b) the amount of information that can be stored / cycle

(59) The primary memory of a personal computer consists?

A. ROM only

B. RAM only

C. Both ROM and RAM

D. Memory module

Answer (c) Both ROM and RAM

(60) Microsoft Excel is?

A. financial planning package

B. electronic spreadsheet

C. graphics package

D. data-base management package

Answer (b) electronic spreadsheet

(61) All the keys on the IBM PC keyboard repeat as long as one holds them down. These keys are known as?

A. typematic keys

B. functional keys

C. automatic keys

D. alphabetic keys

Answer (a) typematic keys

(62) Distributed data processing configuration where all activities passes through a centrally located computer is?

A. ring network

B. spider network

C. hierarchical network

D. data control network

Answer (b) spider network

(63) Communications device, combines transmissions from several devices into on line is?

A. concentrator

B. modifier

C. multiplexer

D. full-duplex line

Answer (c) multiplexer

(64) Data communications involving telegraph lines uses?

A. simplex lines

B. wideband channels

C. narrowband channels

D. dialed service

Answer (c) narrowband channels

(65) An advantage of the laser printer respect to impact printer is?

A. it is quieter/ faster

B. output is of a high quality

C. support wide range of type fonts

D. all the above

Answer (d) all the above

(66) Data entry can be performed with all of the following except?

A. OCR / OMR

B. COM

C. Voice-recognition systems

D. MICR

Answer (b) COM

(67) Magnetic tape can serve as?

A. input media

B. output media

C. secondary-storage media

D. all the above

Answer (d) all the above

(68) The advantages of COM are its_____and__.?

A. compact size; readability

B. compact size; speed

C. readability; speed

D. compact size; low cost

Answer (b) compact size; speed

(69) Elementary data item are?

A. data item which is not broken down into smaller units

B. data item that can be broken down into smaller units

C. data item which is not decomposed into smaller units

D. none of these

Answer (a) data item which is not broken down into smaller units

(70) A semiconductor memory which allows the eraser of the information stared in it so that new information can be stared in it is referred as?

A. EPROM

B. ROM

C. RAM

D. None of these

Answer (a) EPROM

(71) Extended ASCII uses?

A. 8 bits for coding

B. 9 bits for coding

C. 10 bits for coding

D. 11 bits for coding

Answer (a) 8 bits for coding

(72) A device used for transmission of images scanned at a transmitting point and duplicated at a receiving point is?

A. Facsimile (FAX)

B. Telephone

C. Photocopier

D. None of these

Answer (a) Facsimile (FAX)

(73) A data transmission medium made of tiny threads of glass or plastic that can transmit huge amount of information at the speed of light is?

A. Fiber optic cable

B. Copper cable

C. Twisted wire cable

D. None of these

Answer (a) Fiber optic cable

(74) A method of using a communication channel in which signals can be transmitted between a source and a destination in both directions simultaneously is called?

A. Quarter duplex

B. Half duplex

C. Full duplex

D. None of these

Answer (c) Full duplex

(75) A sequential electronic circuit which can be placed in one out of two stable states where each state may be used to represent a binary digit is stated as?

A. Integrated circuit

B. Firmware

C. Flip-flop

D. None of these

Answer (c) Flip-flop

(76) A sequence of instruction (software) that is substituted for hardware and stored in readonly memory (ROM) is called?

A. Integrated circuit

B. Firmware

C. Flip-flop

D. None of these

Answer (b) Firmware

(77) Anonymous FTP is the?

A. Internet file transfer protocol

B. Protocol that requires password

C. None access files

D. None of these

Answer (a) Internet file transfer protocol

(78) EFF sites allows anonymous FTP that?

A. Do not require a password or access

B. Requires password or access

C. Is a none access file

D. None of these

Answer (a) Do not require a password or access

(79) ANSI is?

A. American National Standards Institute

B. A USA based national organization that establishes uniform standards in several fields of computers.

C. Both A & B are true

D. None is true

Answer (c) Both A & B are true

(80) APL is?

A. A high level language for specifying complex algorithms.

B. A real-time language primarily for scientific applications.

C. Only A is true

D. Both A & B are true

Answer (d) Both A & B are true

(81) The overall design, construction, organization and interconnecting of the various components of a computer system is referred as?

A. Computer Architecture

B. Computer Flow chart

C. Computer Algorithm

D. None of these

Answer (a) Computer Architecture

(82) Asynchronous communication is?

A. Communication between independently operating units

B. Communication between dependent operating units

C. Communication between independent and dependent operating units

D. None of these

Answer (a) Communication between independently operating units

(83) Audio response is?

A. output medium

B. produces verbal responses from the computer system

C. Both A & B true

D. None is true

Answer (c) Both A & B true

(84) Automated Office refers to the merger of _____ in an office environment.?

A. Computers

B. Office

C. telecommunications

D. All the above

Answer (d) All the above

(85) Auxiliary storage is?

A. Secondary storage

B. Primary storage

C. Processing device

D. None of these

Answer (a) Secondary storage

(86) Archive is?

A. Backup storage

B. Forward operation

C. Primary storage

D. None of these

Answer (a) Backup storage

(87) A branch of computer science that deals with computers that possess reasoning, learning and thinking capabilities that resemble those of human beings is recognized as??

A. Software engineering

B. Artificial intelligence

C. Hardware engineering

D. None of these

Answer (b) Artificial intelligence

(88) ASCII is?

A. A standard coding system for computers

B. Hardware device

C. Software

D. None of these

Answer (a) A standard coding system for computers

(89) Following is true for Bandwidth?

A. The wider the bandwidth of a communications system the more data it can transmit in a given period of time.

B. The narrow the bandwidth of a communications system the more data it can transmit in a given period of time.

C. The wider the bandwidth of a communications system the less data it can transmit in a given period of time.

D. None is true

Answer (a) The wider the bandwidth of a communications system the more data it can transmit in a given period of time.

(90) ASCII-8 is?

A. Is a 8-bit code

B. An extended version of ASCIl-7

C. Both A & B are true

D. Both A & B are false

Answer (b) An extended version of ASCIl-7

(91) ASCII File is?

A. document file in the universally recognized text format

B. Word processor

C. System file

D. None of these

Answer (a) document file in the universally recognized text format

(92) A program that translates mnemonic statements into executable instructions is referred as?

A. Software

B. Assembler

C. Translator

D. None of these

Answer (b) Assembler

(93) An assembler is a?

A. Translator

B. Hardware

C. Assembly language

D. None of these

Answer (a) Translator

(94) In a disk system time required for a read/ write head to move to the track where the record to be read or written is stored is?

A. Access time

B. Random time

C. Response time

D. Seek time

Answer (d) Seek time

(95) Computer output which is displayed on the screen of a terminal without a permanent copy is called?

A. Soft copy

B. Hard copy

C. Hardware

D. None of these

Answer (a) Soft copy

(96) A storage device or medium where the access time is dependent upon the location of the data is called?

A. Serial access

B. Parallel access

C. Null access

D. None of these

Answer (a) Serial access

(97) The set of computer programs, procedures, and associated documentation related to the effective operation of a computer system is referred as?

A. Hardware

B. Software

C. Hardcopy

D. Softcopy

Answer (b) Software

(98) An adder in which the bits of the operands are added one after another is called?

A. Full adder

B. Parallel adder

C. Serial adder

D. Half adder

Answer (c) Serial adder

(99) A method of providing virtual memory?

A. De-fragmentation

B. Paging

C. Duplex

D. Segmentation

Answer (d) Segmentation

(100) Transmission of data in one direction is called?

A. Triplex

B. Duplex

C. Simplex

D. None of these

Answer (c) Simplex

(101) SNOBOL is?

A. string oriented symbolic language

B. high-level language

C. both A & B

D. None of these

Answer (c) both A & B

(102) Speech recognition is?

A. Ability to input data directly into a computer system by speaking to it

B. Ability to output data directly from a computer system by speaking

C. Processing of voice in computer systems

D. None of these

Answer (a) Ability to input data directly into a computer system by speaking to it

(103) Speech synthesis is?

A. The ability to input data directly into a computer system by speaking to it

B. The ability to output data directly from a computer system in spoken words

C. Processing of voice in computer systems

D. None of these

Answer (b) The ability to output data directly from a computer system in spoken words

(104) A technique used to reduce the speed mismatch between slow speed I/O devices and fast CPU is called?

A. Swapping

B. Paging

C. Spooling

D. Segmentation

Answer (c) Spooling

(105) Storing programs on disk and then transferring these programs into main storage as and when they are needed. The technique is used to process large programs or several programs with limited memory is called?

A. Segmentation

B. Spooling

C. Paging

D. Swapping

Answer (d) Swapping

(106) Terminals is?

A. An output device which allows a user to communicate directly with a computer system

B. An input device which allows a user to communicate directly with a computer system

C. Both A & B

D. None of these

Answer (c) Both A & B

(107) A symbol to indicate beginning (START), ending (STOP) and pauses (HALT) in program logic flow are referred as?

A. Terminal symbol

B. Decision symbol

C. Processing symbol

D. None of these

Answer (a) Terminal symbol

(108) Portability is program ability to run on?

A. similar machines with maximum modification

B. dissimilar machines with minimum modification

C. dissimilar machines with maximum modification

D. similar machines with maximum modification

Answer (b) dissimilar machines with minimum modification

(109) A protocol that specifies how a personal computer can connect to a mail server on the Internet and download E-mail is known as?

A. System protocol

B. Network protocol

C. Post office protocol

D. None of these

Answer (c) Post office protocol

(110) A unit of a computer system that interprets instructions and executes them is known as?

A. Processor

B. Storage

C. Peripherals

D. None of these

Answer (a) Processor

(111) A register in CPU used to store the address of the next instruction to be executed is known as?

A. Program counter

B. Program library

C. Programmer

D. None of these

Answer (a) Program counter

(112) One who designs, writes, tests and maintenance computer programs is called?

A. Operator

B. Programmer

C. User

D. None of these

Answer (b) Programmer

(113) Which of the following terms applies to communication between two computer systems??

A. computer literacy

B. power supply

C. applications software

D. connectivity

Answer (d) connectivity

(114) A memory in CPU that holds program instructions, input data, intermediate results and the output information produced during processing is?

A. Secondary memory

B. Primary memory

C. Auxiliary memory

D. None of these

Answer (b) Primary memory

(115) A collection of complete programs, subroutines, and program modules that have already been developed, tested and documented to be used by programming projects.?

A. Program counter

B. Program library

C. Programmer

D. None of these

Answer (b) Program library

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