

# **OBJECTIVE QUESTION OF FUNDAMENTAL OF COMPUTER SCIENCE & ENGINEERING FCSE**

**1. Which of the following computer implemented binary numbers, perform calculations using electronics and implemented separate computation and memory for the first time?**

- A) Mark I
- B) ABC
- C) Z3
- D) None of above

**2. FORTRAN is a programming language. What does FORTRAN stand for?**

- A) File Translation
- B) Format Translation
- C) Formula Translation
- D) Floppy Translation

**3. Which of the following memories needs refreshing?**

- A) SRAM
- B) DRAM
- C) ROM
- D) All of above

**4. Can you tell what passes into and out from the computer via its ports?**

- A) Data
- B) Bytes
- C) Graphics
- D) Pictures

**5. An output device that uses words or messages recorded on a magnetic medium to produce audio response is**

- A) Magnetic tape
- B) Voice response unit
- C) Voice recognition unit
- D) Voice band

**6. Which of the items below are considered removable storage media?**

- A) Removable hard disk cartridges
- B) (Magneto-optical) disk
- C) Flexible disks cartridges
- D) All of the above

**7. Which of the following is not purely output device?**

- A) Screen
- B) Printer
- C) Speaker
- D) Plotter

**8. Who developed a mechanical device in the 17<sup>th</sup> century that could add, subtract, multiple, divide and find square roots?**

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- A) Napier
- B) Babbage
- C) Pascal
- D) Leibniz

**9. The first Macintosh computer was from**

- A) First generation
- B) Second generation
- C) Third generation
- D) Fourth generation

**10. Which of the following is not a form of data?**

- A) numbers and characters
- B) images
- C) sound
- D) none of above

**11. Which is not a computer classification?**

- A) mainframe
- B) maxframe
- C) mini
- D) notebook

**12. The control unit of a microprocessor**

- A) Stores data in the memory
- B) Accepts input data from keyboard
- C) Performs arithmetic/logic function
- D) None of above

**13. Which of the following is internal memory?**

- A) Disks
- B) Pen Drives
- C) RAM
- D) CDs

**14. Which operation is not performed by computer**

- A) Inputting
- B) Processing
- C) Controlling
- D) Understanding

**15. Floppy disks which are made from flexible plastic material are also called?**

- A) Hard disks
- B) High-density disks

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- C) Diskettes
- D) Templates

**16. The magnetic storage chip used to provide non-volatile direct access storage of data and that have no moving parts are known as**

- A) Magnetic core memory
- B) Magnetic tape memory
- C) Magnetic disk memory
- D) Magnetic bubble memory

**17. A collection of related instructions organized for a common purpose is referred to as**

- A) File
- B) Database
- C) Program
- D) None of above

**18. Plotter accuracy is measured in terms of repeatability and**

- A) Buffer size
- B) Resolution
- C) Vertical dimensions
- D) Intelligence

**19. Computer instructions written with the use of English words instead of binary machine code is called**

- A) Mnemonics
- B) Symbolic code
- C) Gray codes
- D) Opcode

**20. Which language is directly understood by the computer without translation program?**

- A) Machine language
- B) Assembly language
- C) High level language
- D) None of above

**21. On which aspect the analog computers are better than digital?**

- A) Speed
- B) Accuracy
- C) Reliability
- D) Automatic

**22. Which of the following processors use RISC technology?**

- A) 486dx
- B) Power PC

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- C) 486sx
- D) 6340

**23. Which of the following machine was not invented by Charles Babbage?**

- A) Tabulating Machine
- B) Analytical Engine
- C) Difference Engine
- D) Both C and D

**24. How many numbers could ENIAC store in its internal memory**

- A) 100
- B) 20
- C) 80
- D) 40

**25. The subject of cybernetics deals with the science of**

- A) Genetics
- B) Control and communication
- C) Molecular biology
- D) Biochemistry

**26. Why ABC is considered electro-mechanical computer?**

- A) Because it was invented before electronic computers were developed
- B) Because there are wheels, drums, bars to rotate and move to produce result
- C) Because they use the flow of electrons in different component
- D) None of above

**27. Binary circuit elements have**

- A) One stable state
- B) Two stable state
- C) Three stable state
- D) None of above

**28. Which of the following is used for manufacturing chips?**

- A) Control bus
- B) Control unit
- C) Parity unit
- D) Semiconductor

**29. Which of the following is not a micro computer?**

- A) Laptop PCs
- B) Tablet PCs
- C) Desktop PCs
- D) None of above

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**30. The value of each bead in earth is**

- A) 1
- B) 3
- C) 5
- D) 7

**31. When did John Napier develop logarithm?**

- A) 1416
- B) 1614
- C) 1641
- D) 1804

**32. Which of the following terms is the most closely related to main memory?**

- A) Non volatile
- B) Permanent
- C) Control unit
- D) Temporary

**33. Which was the world's first minicomputer and when was it introduced?**

- A) PDP-I, 1958
- B) IBM System/36, 1960
- C) PDP-II, 1961
- D) VAX 11/780, 1962

**34. A group of magnetic tapes, videos or terminals usually under the control of one master is**

- A) Cylinder
- B) Surface
- C) Track
- D) Cluster

**35. The word length of a computer is measured in**

- A) Bytes
- B) Millimeters
- C) Meters
- D) Bits

**36. What type of memory is not directly addressable by the CPU and requires special software called EMS (expanded memory specification)?**

- A) Extended
- B) Expanded
- C) Base
- D) Conventional

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**37. Which unit holds data permanently?**

- A) Input unit
- B) Secondary storage unit
- C) Output Unit
- D) Primary Memory Unit

**38. Before a disk can be used to store data. It must be \_\_\_\_\_**

- A) Formatted
- B) Reformatted
- C) Addressed
- D) None of the above

**39. Computer system comprises of major units**

- A) input unit, output unit, control unit
- B) input unit, output unit, control unit and storage
- C) input unit, output unit, central processing unit and storage unit
- D) input, output and storage units

**40. The first general purpose electronic digital computer in the world was**

- A) UNIVAC
- B) EDVAC
- C) ENIAC
- D) All of above

**41. Signals can be analog or digital and a computer that processes the both type of signals is known as**

- A) Analog computer
- B) Digital Computer
- C) Hybrid Computer
- D) Mainframe Computer

**42. High level language is also called**

- A) Problem oriented language
- B) Business oriented language
- C) Mathematically oriented language
- D) All of the above

**43. Human beings are referred to as Homosapinens, which device is called Silico Sapiens?**

- A) Monitor
- B) Hardware
- C) Robot
- D) Computer

**44. Which of the following file organization is most efficient for a file with a high degree of file activity?**

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- A) Sequential
- B) ISAM
- C) VSAM
- D) B-Tree Index

**45. Which of the following is associated with error detector?**

- A) Odd parity bit
- B) Even parity bit
- C) Both of the above
- D) None of above

**46. Magnetic tape can serve as**

- A) Secondary storage media
- B) Output media
- C) Input media
- D) All of the above

**47. Which company is the biggest player in the microprocessor industry?**

- A) Motorola
- B) IBM
- C) Intel
- D) AMD

**48. The first digital computer built with IC chips was known as**

- A) IBM 7090
- B) Apple ? 1
- C) IBM System / 360
- D) VAX-10

**49. EBCDIC can code up to how many different characters?**

- A) 256
- B) 16
- C) 32
- D) 64

**50. MICR stands for**

- A) Magnetic Ink Character Reader
- B) Magnetic Ink Code Reader
- C) Magnetic Ink Cases Reader
- D) None

**51. Number crunchier is the informal name for**

- A) Mini computer
- B) Super computer

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- C) Microcomputer
- D) Mainframe computer

**52. RATS stand for**

- A) Regression Analysis Time Series
- B) Regression Analysis Time Sharing
- C) Real Analysis Series
- D) All of above

**53. Which technology is used in Compact disks?**

- A) Mechanical
- B) Electrical
- C) Electro Magnetic
- D) Laser

**54. Different components of the motherboard of a PC unit are linked together by sets of parallel electrical conducting lines. What are these lines called?**

- A) Conductors
- B) Buses
- C) Connectors
- D) Consecutive

**55. Which is the first electronic digital computer?**

- A) ENIAC
- B) MARK I
- C) Z3
- D) ABC

**56. Which of the following is a storage device?**

- A) Tape
- B) Hard Disk
- C) Floppy Disk
- D) All of the above

**57. The metal disks, which are permanently housed in, sealed and contamination free containers are called**

- A) Hard disks
- B) Floppy disk
- C) Winchester disk
- D) Flexible disk

**58. A computer program that converts an entire program into machine language is called a/an**

- A) Interpreter
- B) Simulator



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- C) Compiler
- D) Commander

**59. Intel corporation produces chips for which computers?**

- A) IBM PCs
- B) Apple/Macintosh PCs
- C) Both of above
- D) None of above

**60. The first microprocessor built by the Intel corporation was called**

- A) 8008
- B) 8080
- C) 4004
- D) 8800

**61. Which of the following is not a class of computers based on size?**

- A) Mainframe Computers
- B) Mini Computers
- C) Micro Computers
- D) Super Computers

**62. Who invented EDSAC?**

- A) John v. Neumann
- B) J.p. Eckert and John Mauchley
- C) Maurice Wilkes
- D) Howard Aiken

**63. EEPROM stands for**

- A) Electrically Erasable Programmable Read Only Memory
- B) Electronic Erasable Programmable Read Only Memory
- C) Easily Erasable Programmable Read Only Memory
- D) Easily Erasable Programmable Read Only Memory

**64. Which of the following is a class of computers based on model?**

- A) Digital Computer
- B) Hybrid Computers
- C) Analog Computers
- D) AT Computers

**65. What are the computers called that performs calculations and comparisons usually in the binary numbering system?**

- A) Analog Computers
- B) Digital Computers
- C) Hybrid Computers
- D) None of above

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**66. ASCII stands for**

- A) American Standard Code for Information Interchange
- B) American Scientific Code for International Interchange
- C) American Standard Code for Intelligence Interchange
- D) American Scientific Code for Information Interchange

**67. The data recording format in most of the modern magnetic tape is**

- A) 7-bit ASCII
- B) 7-bit EBCDIC
- C) 8-bit ASCII
- D) 8-bit EBCDIC

**68. Why ABC computer is called so?**

- A) Because it was developed by Atanasoff and Berry
- B) Because it was thought to be the first computer so named with first alphabets of English
- C) Both of above are the reason to name the computer ABC
- D) None of above are true

**69. Who designed the first electronics computer ? ENIAC/**

- A) Von Neumann
- B) Joseph M Jacquard
- C) J. P. Eckert and J. W. Mauchly
- D) All of above

**70. Central Processing Unit is combination of**

- A) Control and storage
- B) Control and output unit
- C) Arithmetic logic and input unit
- D) Arithmetic logic and control unit

**71. IBM 1401 computer was**

- A) Mainframe Computer
- B) Mini Computers
- C) Micro Computers
- D) None of above

**72. Time during which a job is processed by the computer is**

- A) Delay times
- B) Real time
- C) Execution time
- D) Down time

**73. CD-ROM stands for**

- A) Compactable Read Only Memory
- B) Compact Data Read Only Memory

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- C) Compactable Disk Read Only Memory
- D) Compact Disk Read Only Memory

**74. Which unit converts user data into machine readable form?**

- A) Input unit
- B) Output unit
- C) ALU
- D) Control Unit

**75. Which unit is known as nerve center of computer?**

- A) ALU
- B) CU
- C) Memory
- D) Registers

**76. What does the disk drive of a computer do?**

- A) Rotate the disk
- B) Read the disk
- C) Load a program from the disk into the memory
- D) Both b and c

**77. Access time is**

- A) seek time + latency time
- B) seek time
- C) seek time
- D) latency time

**78. Who invented the microprocessor?**

- A) Marcian E Huff
- B) Herman H Goldstein
- C) Joseph Jacquard
- D) All of above

**79. MICR stands for**

- A) Magnetic Ink Character Reader
- B) Magnetic Ink Code Reader
- C) Magnetic Ink Case Reader
- D) None of the above

**80. The Width of a processor's data path is measured in bits. Which of the following are common data paths?**

- A) 8 bits
- B) 12 bits
- C) 16 bits
- D) 32 bits

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**81. MSI is the abbreviation of**

- A) Medium Scale Integrated
- B) Medium System Integrated
- C) Medium Scale Intelligent
- D) Medium System Intelligent

**82. IMB launched its first personal computer called IBM-PC in 1981. It had chips from Intel, disk drives from Tandon, operating system from Microsoft, the printer from Epson and the application software from everywhere. Can you name the country which contributed**

- A) India
- B) China
- C) Germany
- D) Taiwan

**83. Which statement is valid about interpreter?**

- A) It translates one instruction at a time
- B) Object code is saved for future use
- C) Repeated interpretation is not necessary
- D) All of above

**84. Easily relocatable language is**

- A) Machine language
- B) Assembly language
- C) High level language
- D) Medium level language

**85. Which of the following memories needs refresh?**

- A) SRAM
- B) DRAM
- C) ROM
- D) All of above

**86. Through which device the main components of the computer communicate with each other?**

- A) Keyboard
- B) System Bus
- C) Monitor
- D) Memory

**87. What type of device is computer keyboard?**

- A) Memory
- B) Output
- C) Storage
- D) Input

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**88. Which is the limitation of high level language?**

- A) Lower efficiency
- B) Machine dependence
- C) machine level coding
- D) None of above

**89. An example of a digital device can be**

- A) Digital clock
- B) Automobile speed meter
- C) Clock with a dial and two hands
- D) All of the above

**90. Which of the following is not true?**

- A) Transistors are much smaller
- B) Transistors produce low heat
- C) Transistors were less reliable
- D) Transistors were used in radios and other electronic devices

**91. A characteristic of card systems is:**

- A) Slowness in processing data
- B) Using cards as records of transactions
- C) Needing a larger DP staff
- D) All of the above

**92. The full form of EEPROM is**

- A) Electrically Erasable Programmable Read Only Memory
- B) Easily Erasable Programmable Read Only Memory
- C) Electronic Erasable Programmable Read Only Memory
- D) None of the above

**93. The original ASCII code used \_\_bits of each byte, reserving that last bit for error checking**

- A) 5
- B) 6
- C) 7
- D) 8

**94. A computer programmer**

- A) Does all the thinking for a computer
- B) Can enter input data quickly
- C) Can operate all types of computer equipments
- D) Can draw only flowchart

**95. Fifth generation computer is also known as**

- A) Knowledge information processing system
- B) Very large scale integration (VLSI)

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- C) Both of above
- D) None of above

**96. The commonly used standard data code to represent alphabetical, numerical and punctuation characters used in electronic data processing system is called**

- A) ASCII
- B) EBCDIC
- C) BCD
- D) All of above

**97. Which of the following have low failure rate?**

- A) mechanical devices
- B) electronic devices
- C) electro-mechanical devices
- D) None of above

**98. Which of the following memories need refresh?**

- A) SRAM
- B) DRAM
- C) ROM
- D) All of the above

**99. A typical personal computer used for business purposes would have \_\_\_ of RAM.**

- A) 4 KB
- B) 16 K
- C) 64 K
- D) 256 K

**100. The ALU of a computer normally contains a number of high speed storage element called**

- A) Semiconductor memory
- B) Registers
- C) Hard disks
- D) Magnetic disk

Answer Sheet

01-B	02-C	03-B	04-A	05-B	06-D	07-A	08-D	09-D	10-D
11-B	12-D	13-C	14-D	15-C	16-D	17-C	18-B	19-B	20-A
21-B	22-B	23-A	24-B	25-B	26-B	27-B	28-D	29-D	30-A
31-B	32-D	33-A	34-D	35-D	36-B	37-B	38-A	39-C	40-C
41-C	42-D	43-D	44-A	45-C	46-A	47-C	48-C	49-A	50-A

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51-b	52-A	53-D	54-B	55-D	56-D	57-C	58-C	59-A	60-C
61-D	62-C	63-A	64-D	65-B	66-A	67-D	68-A	69-C	70-D
71-A	72-C	73-D	74-A	75-B	76-D	77-A	78-A	79-A	80-A
81-A	82-D	83-A	84-B	85-B	86-B	87-D	88-A	89-A	90-C
91-D	92-A	93-C	94-A	95-A	96-D	97-B	98-B	99-D	100-B

B.T.I.R.T.