



 UPKAR'S  
MCQs ON

# COMPUTER

(Multiple Choice Questions on Computer  
Fundamental, Application and Advance Topics)

DR. ALOK KUMAR



UPKAR'S  
**MCQs**  
**ON**  
**COMPUTER**

Multiple Choice Questions on Computer  
Fundamental, Application and Advance Topics

*By*  
*Dr. Alok Kumar*  
Centre for Innovative Leadership

**UPKAR PRAKASHAN, AGRA-2**

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**Phone :** 4053333, 2530966, 2531101

**Fax :** (0562) 4053330, 4031570

**E-mail :** care@upkar.in

**Website :** www.upkar.in

### Branch Offices

4845, Ansari Road,  
Daryaganj,

**New Delhi**—110 002

**Phone :** 011-23251844/66

1-8-1/B, R.R. Complex (Near Sundaraiah Park,  
Adjacent to Manasa Enclave Gate),

Bagh Lingampally, **Hyderabad**—500 044 (A.P.)

**Phone :** 040-66753330

Pirmohani Chowk,  
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## A Word to Reader

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This book will be useful of all those who are preparing for interviews and various competitive examinations, where the most basic and also in-depth understanding of computers is required. The book is divided in three parts—

- \* **Fundamental**—Cover basic questions on computers from day to day awareness of computers.
- \* **Application**—Cover questions related to computer applications, it includes Windows Operating System and Keyboard Shortcuts, Microsoft Office, Microsoft Word, PowerPoint, Access and Excel.
- \* **Advance**—Covers questions on advance topics on computer, it includes Operating system, Software Engineering, Data Structures and Algorithms, Electronics Data Processing, Data Mining and Data ware house, Parallel Computing and Window Programming, Data Base Management Systems.

Author hopes that this book will fulfil the needs of those who are in search of relevant questions on computers.

With best wishes,

— *Dr. Alok Kumar*

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# **COMPUTER : FUNDAMENTAL**

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- **Computer Awareness**
- **Computer Security**



# COMPUTER AWARENESS

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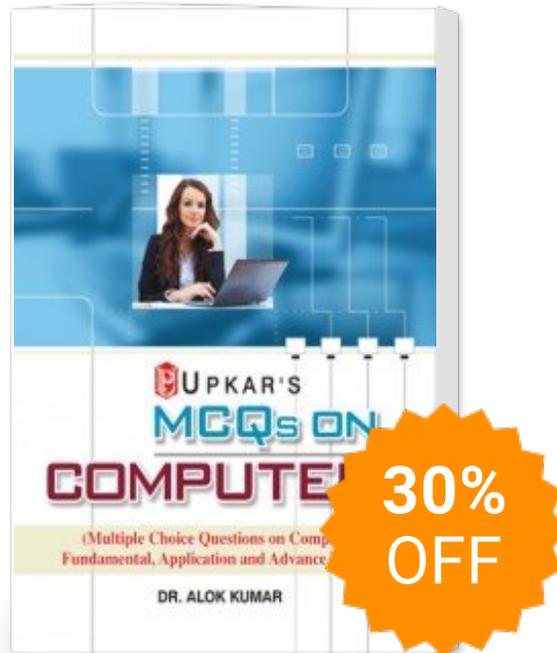
1. The following device allows the user to add external components to a computer system
  - (A) Storage devices
  - (B) Keyboards
  - (C) Ports/ system boards
  - (D) Diskettes
2. Software that manages data in more than one file at a time and these files are treated as tables with rows and columns rather than as lists of records is
  - (A) Relational Data Base Management Package
  - (B) Data Base Management Package
  - (C) Documentation Package
  - (D) None of these
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
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
5. An automatic machine that is made to perform routine human tasks is
  - (A) Computer
  - (B) Robot
  - (C) Tanker
  - (D) None of these
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
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
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
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
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
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
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
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

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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
15. For checking spelling one uses  
(A) Dictionary Disk (B) Index disk  
(C) Directory (D) None of these
16. Process of finding/ correcting program errors is  
(A) Bugs (B) Debugging  
(C) Hacking (D) Cracking
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
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
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
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 these
21. Automatic execution of high-priority computer programs that have been designed to pre-empt the use of computer resources is referred as  
(A) Foreground processing  
(B) background processing  
(C) black processing  
(D) white 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
23. A storage devices where the access time is effectively independent of the location of the data is referred as  
(A) Direct access (B) Secondary storage  
(C) Primary storage(D) None of these
24. A pictorial representation that uses pre-defined symbols to describe either the logic of a computer program or the data flow and processing steps of a system is referred as  
(A) Flowchart (B) Algorithm  
(C) Program (D) None of these
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
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
27. Document reader is  
(A) An optical input device used to read documents  
(B) A device that arrange the documents  
(C) A device that is used to edit document  
(D) None of these
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
29. FORTRAN is  
(A) Formula Translation  
(B) A high-level mathematically oriented programming language  
(C) Both A & B  
(D) None of these
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

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
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
33. 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
34. 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
35. Internet banking is an example of  
 (A) Electronic funds transfer (EFT)  
 (B) EDP (Electronic Data Processing )  
 (C) EBCDIC  
 (D) ASCII
36. EBCDIC is  
 (A) 6-bit coding system  
 (B) 7-bit coding system  
 (C) 8-bit coding system  
 (D) 9-bit coding system
37. 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
38. Electronic Mail /Message System (EMMS) best suits to  
 (A) Postal service  
 (B) Telephone service  
 (C) Telegraph service  
 (D) None of these
39. Digital Computer is a computer  
 (A) that works with discrete quantities  
 (B) that works with analog quantities  
 (C) Both A & B  
 (D) None of these
40. 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
41. The checking operation performed on input is called  
 (A) validation of data (B) verification of data  
 (C) vilification of data (D) control of data
42. 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
43. 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
44. 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
45. A term means that the application software is priced separately from the computer hardware is called  
 (A) Unbundled (B) Bundled  
 (C) Utility (D) None of these
46. Following is not the operating system  
 (A) UNIX (B) DOS  
 (C) WINDOWS (D) BASIC
47. 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.

# MCQs on Computer



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Author : **Dr. Alok Kumar**

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