

## Multiple Choice Questions (BHM-105)

---

- 1) Which of the following is not an operating system?  
a. Windows    b. Linux    **c. Oracle**    d. DOS
- 2) What is the maximum length of the filename in DOS?  
a. 4    b. 5    **c. 8**    d. 12
- 3) When was the first operating system developed?  
a. 1948    b. 1949    **c. 1950**    d. 1951
- 4) What is the full name of FAT?  
a. File attribute table    **b. File allocation table**    c. Font attribute table    d. Format allocation table
- 5) BIOS is used?  
**a. By operating system**    b. By compiler    c. By interpreter    d. By application software
- 6) Which of the following is a single-user operating system?  
a. Windows    b. MAC    **c. Ms-Dos**    d. None of these
- 7) Which of the following is not application software?  
**a. Windows 7**    b. WordPad    c. Photoshop    d. MS-excel
- 8) Which of the following windows does not have a start button?  
a. Windows 7    **b. Windows 8**    c. Windows XP    d. None of these
- 9) Which of the following operating systems does not support more than one program at a time?  
a. Linux    b. Windows    c. MAC    **d. DOS**
- 10) What is Microsoft window?  
**a. Operating system**    b. Graphics program    c. Word Processing    d. Database program
- 11) Which windows were introduced to My Computer?  
a. Windows 10    b. Windows XP    **c. Windows 95**    d. Windows 98
- 12) What type of commands are required to perform various tasks in DOS?  
a. Internal commands    **b. External commands**    c. Valuable commands    d. Primary commands
- 13) Which of the following is system software?  
a. Operating system    b. Compiler    c. Utilities    **d. All**
- 14) Which program runs first after booting the computer and loading the GUI?  
a. Desktop Manager    b. File Manager    c. Windows Explorer    **d. Authentication**

15) A process is a \_\_\_\_\_.

- a. single thread of execution   **b. program in the execution**   c. program in the memory   d. task

16) The word processing feature that catches most random typographical errors and misspellings is known as \_\_\_\_\_.

- a. Grammar checker   **b. Spell checker**   c. Word checker   d. None of the these

17) What is smallest unit of the information?

- a. A bit**   b. Byte   c. A block   d. A nibble

18) How many color dots make up one color pixel on a screen?

- a. 265   b. 16   c. 8   **d. 3**

19) Which of the following programs enables you to calculate numbers related to rows and columns?

- a. Window program   **b. Spreadsheet program**   c. Graphics program   d. Word program

20) Which of the following is an output device?

- a. Keyboard   b. Mouse   c. Light pen   **d. VDU**

21) Which of the following is an input device?

- a. Plotter   b. Printer   c. VDU   **d. Mouse**

22) A computer is accurate, but if the result of a computation is false, what is the main reason for it?

- a. Power failure   b. The computer circuits   **c. Incorrect data entry**   d. Distraction

23) What is the mean of the Booting in the system?

- a. Starting /Restarting computer**   b. Install the program   c. To scan   d. To turn off

24) Which one of the following groups contains graphical file extensions?

- a. JPG, CPX, GCM   b. GIF, TCE, WMF   c. TCP, JPG, BMP   **d. JPG, GIF, BMP**

25) Which of the following is equal to a gigabyte?

- a. 1024 bytes   b. 512 GB   **c. 1024 megabytes**   d. 1024 bits

26) How many bytes does 4 kilobytes represent?

- a. 512   b. 1024   **c. 4096**   d. 8192

27) Which type of program acts as an intermediary between a user of a computer and the computer hardware?

- a. **Operating system**    b. User thread    c. Super user thread    d. Application program

28) What is the speed of computer measured in?

- a. Nanoseconds    b. Kilo-seconds    **c. Gigahertz**    d. Megabytes

29) What are five main components of a computer system?

- a. CPU, CD-ROM, Mouse, Keyboard, Sound card  
b. Memory, Video card, Monitor, Software, Hardware  
c. Modem, Keyboard, Word Processor, Printer, Screen  
**d. CPU, Memory, System bus, Input, Output**

30) The use of the IC in a computer has \_\_\_\_\_.

- a. Increased the amount of heating  
**b. Reduced the size and cost of computers**  
c. Reduced the peripheral devices to be used  
d. Reduced the performance capacity of the computer

31) A collection of hyperlinked documents on the internet forms the ??

- a. **World Wide Web (WWW)**    b. E-mail system    c. Mailing list    d. Hypertext markup language

32) **The location of a resource on the internet is given by its?**

- a. Protocol    **b. URL**    c. E-mail address    d. ICQ

33) **Which software prevents the external access to a system?**

- a. Firewall**    b. Gateway    c. Router    d. Virus checker

34) **Which one of the following is the most common internet protocol?**

- a. HTML    b. NetBEUI    **c. TCP/IP**    d. IPX/SPX

35) **The term IPv4 stands for?**

- a. Internet Protocol Version 4**  
b. Internet Programming Version 4  
c. International Programming Version 4  
d. None of these

36) **What is the main difference between a mainframe and a super computer?**

- A) Super computer is much larger than mainframe computers
- B) Super computers are much smaller than mainframe computers
- C) Supercomputers are focused to execute few programs as fast as possible while mainframe uses its power to execute as many programs concurrently**
- D) Supercomputers are focused to execute as many programs as possible while mainframe uses its power to execute few programs as fast as possible.

37) **The brain of any computer system is**

- A) ALU
- B) Memory
- C) CPU**
- D) Control unit

38) **The two kinds of main memory are:**

- A) Primary and secondary
- B) Random and sequential
- C) ROM and RAM**
- D) All of above

39) **Integrated Circuits (ICs) are related to which generation of computers?**

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

40) **A hybrid computer**

- A) Resembles digital computer
- B) Resembles analogue computer
- C) Combination of both a digital and analogue computer**
- D) None of the above

41) EEPROM stands for

- 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

- 42) **The main electronic component used in first generation computers was**
- A) Transistors
  - B) Vacuum Tubes and Valves**
  - C) Integrated Circuits
  - D) None of above
- 43) **A dumb terminal has**
- A) an embedded microprocessor
  - B) extensive memory
  - C) independent processing capability
  - D) a keyboard and screen**
- 44) **One millisecond is**
- A) 1 second
  - B) 10<sup>th</sup> of a seconds
  - C) 1000<sup>th</sup> of a seconds**
  - D) 10000<sup>th</sup> of a seconds
- 45) **The output quality of a printer is measured by**
- A) Dot per sq. inch**
  - B) Dot per inch
  - C) Dots printed per unit time
  - D) All of the above
- 46) **Which of the following was a special purpose computer?**
- A) ABC**
  - B) ENIAC
  - C) EDVAC
  - D) All of the above
- 47) **What was the computer invented by Attanasoff and Clifford?**
- A) Mark I
  - B) ABC**
  - C) Z3
  - D) None of above
- 48) **Which of the following storage devices can store maximum amount of data?**
- A) Floppy Disk
  - B) Hard Disk**
  - C) Compact Disk
  - D) Magneto Optic Disk
- 49) **Which computer was considered the first electronic computer until 1973 when court invalidated the patent?**
- A) ENIAC**
  - B) MARK I
  - C) Z3
  - D) ABC
- 50) **High density double sided floppy disks could store \_\_\_\_\_ of data**
- A) 1.40 MB
  - B) 1.44 GB
  - C) 1.40 GB
  - D) 1.44 MB**
- 51) **Which of the following is not an input device?**
- A) OCR
  - B) Optical scanners
  - C) Voice recognition device
  - D) Printer**

52) In most of the IBM PCs, the CPU, the device drivers, memory, expansion slots and active components are mounted on a single board. What is the name of the board?

- A) **Motherboard**      B) Daughterboard      C) Breadboard      D) Fatherboard

53) When was vacuum tube invented?

- A) 1900      **B) 1906**      C) 1910      D) 1880

54) Which of the following produces the best quality graphics reproduction?

- A) Laser printer    B) Ink jet printer    **C) Plotter**    D) Dot matrix printer

55) Which of the following is not processing?

- A) arranging      B) manipulating      C) calculating    **D) gathering**

56) The digital computer was developed primarily in

- A) USSR      B) Japan      **C) USA**      D) UK

57) Software in computer

**A) Enhances the capabilities of the hardware machine**

B) Increase the speed of central processing unit

C) Both of above      D) None of above

58) The arranging of data in a logical sequence is called

- A) Sorting**      B) Classifying      C) Reproducing      D) Summarizing

59) Abacus was the first

A) electronic computer      B) mechanical computer

C) electronic calculator      **D) mechanical calculator**

60) Instructions and memory address are represented by

- A) Character code      **B) Binary codes**      C) Binary word      D) Parity bit

61) People often call \_\_\_\_\_ as the brain of computer system

A) Control Unit      B) Arithmetic Logic Unit

**C) Central Processing Unit**      D) Storage Unit

- 62) **Which is used for manufacturing chips?**  
A) Bus                      B) Control unit                      **C) Semiconductors**                      D) A and b only
- 63) **The first computer introduced in Nepal was**  
A) IBM 1400                      **B) IBM 1401**                      C) IBM 1402                      D) IBM1402
- 64) **Which generation of computer is still under development**  
A) Fourth Generation                      **B) Fifth Generation**  
C) Sixth Generation                      D) Seventh Generation
- 65) **Which was the most popular first generation computer?**  
**A) IBM 1650**                      B) IBM 360                      C) IBM 1130                      D) IBM 2700
- 66) **Which is considered a direct entry input device?**  
A) Optical scanner                      B) Mouse and digitizer                      C) Light pen                      **D) All of the above**
- 67) **BCD is**  
**A) Binary Coded Decimal**                      B) Bit Coded Decimal  
C) Binary Coded Digit                      D) Bit Coded Digit
- 68) **When was the world's first laptop computer introduced in the market and by whom?**  
A) Hewlett-Packard, 1980                      **B) Epson, 1981**  
C) Laplink Traveling Software Inc, 1982                      D) Tandy Model-200, 1985
- 69) **From which generation operating systems were developed?**  
A) First                      B) Second                      **C) Third**                      D) Fourth
- 70) **Properly arranged data is called**  
A) Field                      B) Words                      **C) Information**                      D) File
- 71) **A computer consists of**  
A) A central processing unit                      B) A memory  
C) Input and output unit                      **D) All of the above**

72) **Why are vacuum tubes also called valves?**

- A) Because they can amplify the weak signals and make them strong
- B) Because they can stop or allow the flow of current**
- C) Both of above
- D) None of above

73) **An integrated circuit is**

- A) A complicated circuit
- B) An integrating device
- C) Much costlier than a single transistor
- D) Fabricated on a tiny silicon chip**

74) **Multi user systems provided cost savings for small business because they use a single processing unit to link several**

- A) Personal computers
- B) Workstations
- C) Dumb terminals**
- D) Mainframes

75) **What are the three decisions making operations performed by the ALU of a computer?**

- A) Greater than
- B) Less than
- C) Equal to
- D) All of the above**

76) **The word processing task associated with changing the appearance of a document is**

- A) Editing
- B) Writing
- C) Formatting**
- D) All of above

77) **Algorithm and Flow chart help us to**

- A) Know the memory capacity
- B) Identify the base of a number system
- C) Direct the output to a printer
- D) Specify the problem completely and clearly**

78) **The difference between memory and storage is that memory is \_\_\_\_\_ and storage is \_\_\_\_**

- A) Temporary, permanent**
- B) Permanent, temporary
- C) Slow, fast
- D) All of above

79) **A compiler is a translating program which**

- A) Translates instruction of a high level language into machine language
- B) Translates entire source program into machine language program
- C) It is not involved in program's execution
- D) All of above**

- 80) Once you load the suitable program and provide required data, computer does not need human intervention. This feature is known as
- A) Accuracy                      B) Reliability                      C) Versatility                      **D) Automatic**
- 81) Machine language is
- A) Machine dependent    B) Difficult to program                      C) Error prone                      **D) All of above**
- 82) A byte consists of
- A) One bit                      B) Four bits                      **C) Eight bits**                      D) Sixteen bits
- 83) The term 'Computer' is derived from.....
- a. Latin**    b. German                      c. French                      d. Arabic
- 84) Who is the father of Computer?
- a. Allen Turing                      **b. Charles Babbage**                      c. Simur Cray                      d. Augusta Adaming
- 85) A CPU contains
- a. a card reader and a printing device                      b. an analytical engine and a control unit
- c. a control unit and an arithmetic logic unit**                      d. an arithmetic logic unit and a card reader
- 86) Which of the following controls the process of interaction between the user and the operating
- a. User interface**                      b. Language translator                      c. Platform                      d. Screen saver
- 87) The first computers were programmed using
- a. Assembly language                      **b. Machine language**                      c. Source code                      d. Object code Page 1
- 88) ..... is a combination of hardware and software that facilitates the sharing of information between computing devices.
- a. Network**                      b. Peripheral                      c. Expansion board                      d. Digital device
- 89) Which of the following statements is true?
- a. Minicomputer works faster than Microcomputer**
- b. Microcomputer works faster than Minicomputer
- c. Speed of both the computers is the same
- d. The speeds of both these computers cannot be compared with the speed of advanced

90) What type of resource is most likely to be a shared common resource in a computer Network?

- a. **Printers**
- b. Speakers
- c. Floppy disk drives
- d. Keyboards

91) Which device is required for the Internet connection?

- a. Joystick
- b. **Modem**
- c. CD Drive
- d. NIC Card

92) What is a light pen?

- a. A Mechanical Input device
- b. **Optical input device**
- c. Electronic input device
- d. Optical output device

93) VGA is

- a. **Video Graphics Array**
- b. Visual Graphics Array
- c. Volatile Graphics Array
- d. Video Graphics Adapter

94) IBM 1401 is

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

95) MSI stands for

- a. **Medium Scale Integrated Circuits**
- b. Medium System Integrated Circuits
- c. Medium System Integrated Circuits
- d. Medium System Intelligent Circuit

100) Which of the following is a part of the Central Processing Unit?

- a. Printer
- b. Key board
- c. Mouse
- d. **Arithmetic & Logic unit**

101) Junk e-mail is also called

- a. **spam**
- b. spoof
- c. sniffer script
- d. spool

102) Hackers

- a. all have the same motive
- b. **break into other people's computers**
- c. may legally break into computers as long as they do not do any damage
- d. are people who are allergic to computers

103) What type of computers are client computers (most of the time) in a client-server system?

- a. Mainframe
- b. Mini-computer
- c. Microcomputer**
- d. PDA

104) A computer cannot 'boot' if it does not have the

- a. Compiler
- b. Loader
- c. Operating System**
- d. Assembler Page 3

105) The amount of vertical space between lines of text in a document is called

- a. double-space
- b. line spacing**
- c. single space
- d. vertical spacing

106) First page of Website is termed as-

- a. Homepage**
- b. Index
- c. JAVA script
- d. Bookmark

107) When a file is saved for the first time

- a. a copy is automatically printed
- b. it must be given a name to identify it**
- c. it does not need a name
- d. it only needs a name if it is not going to be printed

108) Where are data and programme stored when the processor uses them?

- a. Main memory**
- b. Secondary memory
- c. Disk memory
- d. Programme memory

109) ..... represents raw facts, where-as..... is data made meaningful.

- a. Information, reporting
- b. Data, information**
- c. Information, bits
- d. Records, bytes

110) What characteristic of read-only memory (ROM) makes it useful?

- a. ROM information can be easily updated.
- b. Data in ROM is non-volatile, that is, it remains there even without electrical power.**
- c. ROM provides very large amounts of inexpensive data storage.
- d. ROM chips are easily swapped between different brands of computers

111) What do you call the programs that are used to find out possible faults and their causes?

- a. operating system extensions
- b. cookies
- c. diagnostic software
- d. boot diskettes

113) Which of the following is not anti- viruses' software?

- a. NAV
- b. F-Prot
- c. Oracle
- d. McAfee

114) What does DMA stand for?

- a. A. Distinct Memory Access
- b. Direct Memory Access
- c. Direct Module Access
- d. Direct Memory Allocation

115) A normal CD- ROM usually can store up to \_\_\_\_\_ data?

- a. 680 KB
- b. 680 Bytes
- c. 680 MB
- d. 680 GB

116) The computer size was very large in

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

117) In analogue computer

- a. Input is first converted to digital form
- b. Input is never converted to digital form
- c. Output is displayed in digital form
- d. All of above

118) In latest generation computers, the instructions are executed

- a. Parallel only
- b. Sequentially only
- c. Both sequentially and parallel
- d. All of above

119) Who designed the first electronics computer – ENIAC?

- a. Van-Neumann
- b. Joseph M. Jacquard Page 6
- c. J. Presper Eckert and John W Mauchly
- d. All of above

120) Personal computers use a number of chips mounted on a main circuit board.  
What is the common name for such boards?

- a. Daughter board
- b. Motherboard
- c. Father board
- d. Breadboard

121) What is meant by a dedicated computer?

- a. Which is used by one person only
- b. Which is assigned one and only one task
- c. Which uses one kind of software
- d. Which is meant for application software

122) A computer program that converts an entire program into machine language is called a/an

- a. Interpreter
- b. Simulator
- c. Compiler
- d. Commander

123) A computer program that translates one program instructions at a time into machine language is called a/an

- a. Interpreter
- b. CPU
- c. Compiler
- d. Simulator

124) A small or intelligent device is so called because it contains within it a

- a. Computer
- b. Microcomputer
- c. Programmable
- d. Sensor

125) A fault in a computer program which prevents it from working correctly is known as

- a. Boot
- b. Bug
- c. Biff
- d. Strap

126) A self replicating program, similar to a virus which was taken from a 1970s science fiction novel by John Bruner entitled the Shockwave Rider is

- a. Bug
- b. Vice
- c. Lice
- d. Worm

127) Unwanted repetitious messages, such as unsolicited bulk e-mail is known as

- a. Spam
- b. Trash
- c. Calibri
- d. Courier

128) IBM stands for

- a. Internal Business Management
- b. International Business Management
- c. International Business Machines
- d. Internal Business Machines

129) COBOL is widely used in applications

- a. Commercial
- b. Scientific
- c. Space
- d. Mathematical

130) VDU is also called

- a. Screen
- b. Monitor
- c. Both 1 & 2
- d. Printer

131) An area of a computer that temporarily holds data waiting to be processed is.....

- a. CPU
- b. Memory
- c. Storage
- d. File

132) ..... is the key to close a selected drop -down list; cancel a command and close a dialog box.

- a. TAB
- b. SHIFT
- c. ESC
- d. F10

133) ..... is the key we use to run the selected command.

- a. SHIFT
- b. TAB
- c. ENTER
- d. CTRL

134) ..... Is the functional key to display save-as box.

- a. F5
- b. F6
- c. F9
- d. F12

135) A ..... is a microprocessor -based computing device.

- a. personal computer
- b. mainframe
- c. workstation
- d. Server

136) Which of the following are the functions of a operating system

- a. Allocates resources
- b. Monitors Activities
- c. Manages disks and files
- d. All of the above

137) To move a copy of file from one computer to another over a communication channel is called?

- a. File transfer
- b. File encryption
- c. File modification
- d. File copying

138) The primary function of the ..... is to set up the hardware and load and start an operating system.

- a. System Programs
- b. BIOS
- c. CP
- d. Memory

139) On-line real time systems become popular in ..... generation

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

140) Magnetic disk is an example of

- a. Secondary memory
- b. Primary memory
- c. Main memory
- d. Both (1) and (2)

141) Magnetic disk is an example of

- a. Secondary memory
- b. Primary memory
- c. Main memory
- d. Both (1) and (2)

142) Magnetic disk is an example of

- a. Secondary memory
- b. Primary memory
- c. Main memory
- d. Both (1) and (2)

143) Magnetic disk is an example of

- a. Secondary memory
- b. Primary memory
- c. Main memory
- d. Both (1) and (2)

144) The CPU and memory are located on the :

- a. expansion board
- b. motherboard
- c. storage device
- d. output device

145) The CPU and memory are located on the :

- a. expansion board
- b. motherboard
- c. storage device
- d. output device

146) Computers manipulate data in many ways, and this manipulation is called.....

- a. upgrading
- b. processing
- c. batching
- d. Utilizing

147) .....are used to identify a user who returns to a Website

- a. Cookies
- b. Plug-ins
- c. Scripts
- d. ASPs

148) Codes consisting of lines of varying widths or lengths that are computer-readable are known as-

- a. an ASCII code
- b. a magnetic tape
- c. an OCR scanner
- d. a bar code

149) Reusable optical storage will typically have the acronym-

- a. CD
- b. DVD
- c. ROM
- d. RW

150) A person who used his or her expertise to gain access to other people's computers to get information illegally or do damage is a-

- a. Hacker
- b. spammer
- c. instant messenger
- d. programmer