

Basant Group of Institution

Computer Fundamental

True/False Questions

T F 1. Information technology (IT) is any computer-based tool that people use to work with information and support the information and information-processing needs of an organization.

Answer: True

T F 2. RAM, or random access memory, is permanent storage that holds the information you're working with, the application software you're using, and the operating system software you're using.

Answer: False

T F 3. An output device is a tool you use to store information for use at a later time.

Answer: False

T F 4. Application software is the software that enables you to solve specific problems or perform specific tasks.

Answer: True

T F 5. A desktop computer is a fully functional computer designed for you to carry around and run on battery power.

Answer: False

T F 6. A mainframe computer is designed to meet the computing needs of several people simultaneously in a small to medium-size business environment.

Answer: False

T F 7. Uninstaller software is utility software that you can use to remove software from your hard disk that you no longer want.

Answer: True

T F 8. Uninstaller software organizes your information on your hard disk in the most efficient way.

Answer: False

T F 9. Today's most popular input technology is a mouse.

Answer: False

Basant Group of Institution

Computer Fundamental

T F 10. A byte is the smallest unit of information that your computer can process.

Answer: False

T F 11. A trackball is an output device.

Answer: False

T F 12. The larger the number of pixels on a computer screen the clearer and crisper the screen images are displayed.

Answer: True

T F 13. Resolution of a printer is the number of dots per inch it produces.

Answer: True

T F 14. An IrDA port is for wireless devices that work in a completely different way than the remote control to your TV does.

Answer: False

T F 15. A gigabyte (GB or Gig) is roughly 1 trillion bytes.

Answer: False

T F 16. The physical devices that make up a computer (computer system) are known as hardware.

Answer: True

T F 17. With the advent of the Internet and wireless networks, storage devices are becoming unnecessary.

Answer: False

T F 18. Telecommunications devices permit users to send and receive information from another person or location.

Answer: True

T F 19. Software is the set of instructions that your hardware executes to carry out a specific task.

Answer: True

T F 20. A tablet PC is just a giant PDA, and cannot perform the same tasks as a traditional laptop or desktop PC.

Answer: False

Basant Group of Institution

Computer Fundamental

- T F 21. Minicomputers are commonly used as calendars and address books. These "mini" computers are small enough to carry around in your pocket, and use batteries for power.
Answer: False
- T F 22. Multitasking allows you to work with more than one piece of software at a time.
Answer: True
- T F 23. A binary digit, or bit, is the largest piece of information that a computer can process.
Answer: False
- T F 24. A bit represents an on/off state, or a 0/1 state.
Answer: True
- T F 25. ASCII is an abbreviation for the American Standard Convention for Intelligent Interchange.
Answer: False
- T F 26. Joysticks are commonly used input devices in most business settings.
Answer: False
- T F 27. A gaming wheel consists of a steering wheel and foot pedals.
Answer: True
- T F 28. An image scanner is used to capture human physical attributes.
Answer: False
- T F 29. Biometric scanners are used to detect illnesses.
Answer: False
- T F 30. Microphones are used to capture video into electronic form.
Answer: False
- T F 31. Microphones are connected directly to webcams using firewire and flash memory cards.
Answer: False
- T F 32. Given two monitors with equal quoted size (ie 19"), a CRT has a larger viewable image size than a flat panel display.
Answer: False

Basant Group of Institution

Computer Fundamental

- T F 33. Inkjet printers make images in black and white only.
Answer: False
- T F 34. Printers with lower resolution are better than those with higher resolution.
Answer: False
- T F 35. Laser printers only produce black and white images.
Answer: False
- T F 36. Zip disks are an inexpensive form of optical storage.
Answer: False
- T F 37. Flash memory devices are usually small enough to fit on your keyring.
Answer: True
- T F 38. The CPU cache is a type of memory on the CPU.
Answer: True
- T F 39. Processing instructions from RAM is faster than processing instructions stored in the CPU cache.
Answer: False
- T F 40. The CPU clock runs at half the speed of a machine cycle.
Answer: False
- T F 41. A CPU uses more power when running at higher speeds.
Answer: True
- T F 42. Items connected to a USB port can never be hot swapped.
Answer: False
- T F 43. A firewire port can support up to 53 daisy-chained devices.
Answer: False
- T F 44. Firewire is also called WiFi.
Answer: False
- T F 45. The Mac OS is more widely used than Windows XP.
Answer: False

Basant Group of Institution

Computer Fundamental

Multiple Choice Questions

46. What is a tool you use to capture information and commands?

- A) Input device
- B) Output device
- C) Storage device
- D) Telecommunications device

Answer: A

47. What is a tool you use to see, hear, or otherwise accept the results of your information-processing requests?

- A) Input device
- B) Output device
- C) Storage device
- D) Telecommunications device

Answer: B

48. What is a tool you use to store information for use at a later time?

- A) Input device
- B) Output device
- C) Storage device
- D) Telecommunications device

Answer: C

49. What is a tool you use to send information to and receive it from another person or location?

- A) Input device
- B) Output device
- C) Storage device
- D) Telecommunications device

Answer: D

50. What devices include such things as parallel ports into which you would connect a printer and connector cords to connect your printer to the parallel port?

- A) Input device
- B) Output device
- C) Storage device
- D) None of the above

Answer: D

51. Which type of software enables you to solve specific problems or perform specific tasks?

- A) System software
- B) Operating system software
- C) Utility software
- D) Application software

Answer: D

Basant Group of Institution

Computer Fundamental

52. Which type of software handles tasks specific to technology management and coordinates the interaction of all technology devices?

- A) System software
- B) Operating system software
- C) Utility software
- D) Application software

Answer: A

53. Which type of software controls your application software and manages how your hardware devices work together?

- A) System software
- B) Operating system software
- C) Utility software
- D) Application software

Answer: B

54. Which type of software provides additional functionality to your operating system?

- A) System software
- B) Operating system software
- C) Application software
- D) None of the above

Answer: D

55. Which computer is designed to fulfill all personal computing needs but is also designed to be portable?

- A) PDA
- B) Notebook computer
- C) Desktop computer
- D) None of the above

Answer: B

56. Which computer is a small hand-held device that helps you surf the Web and perform simple tasks?

- A) PDA
- B) Notebook computer
- C) Desktop computer
- D) None of the above

Answer: A

57. Which computer is the most popular choice for personal computing needs?

- A) PDA
- B) Notebook computer
- C) Desktop computer
- D) None of the above

Answer: C

Basant Group of Institution

Computer Fundamental

58. Which computer is designed to meet the computing needs of several people simultaneously in a small to medium-size business environment?

- A) Mainframe computer
- B) Minicomputer
- C) Supercomputer
- D) Desktop computer

Answer: B

59. Which computer is designed to meet the computing needs of hundreds of people in a large business environment?

- A) Mainframe computer
- B) Minicomputer
- C) Supercomputer
- D) Desktop computer

Answer: A

60. Which computer is the fastest, most powerful, and most expensive type of computer?

- A) Mainframe computer
- B) Minicomputer
- C) Supercomputer
- D) Desktop computer

Answer: C

61. Which computer offers both a horizontal and vertical system box?

- A) Mainframe computer
- B) Minicomputer
- C) Supercomputer
- D) Desktop computer

Answer: D

62. Which type of personal productivity software is Microsoft Money?

- A) Word processing
- B) Spreadsheet
- C) Presentation
- D) Personal finance

Answer: D

63. Which of the following is a type of application software?

- A) Microsoft Windows XP
- B) Microsoft Word
- C) Mac OS
- D) Linux

Answer: B

Basant Group of Institution

Computer Fundamental

64. Which of the following is a type of system software?

- A) Microsoft Word
- B) Microsoft Excel
- C) Microsoft Access
- D) None of the above

Answer: D

65. What type of application software is unique to a particular industry?

- A) Personal productivity software
- B) Vertical market software
- C) Horizontal market software
- D) None of the above

Answer: B

66. Which of the following is not a type of application software?

- A) Personal productivity software
- B) Vertical market software
- C) Horizontal market software
- D) None of the above

Answer: D

67. What type of application software helps you perform tasks?

- A) Word processing
- B) Spreadsheet
- C) Presentation
- D) All of the above

Answer: D

68. What type of software is a screen saver?

- A) Operating system software
- B) Utility software
- C) Anti-virus software
- D) Disk optimization software

Answer: B

69. Which of the following is a type of input device?

- A) Keyboard
- B) POS
- C) OMR
- D) All of the above

Answer: D

Basant Group of Institution

Computer Fundamental

70. What are two types of monitors?

- A) OMR and Flat-panel
- B) CRT and Flat-panel
- C) CRT and Flat-CRT
- D) None of the above

Answer: B

71. What is the distance between the centers of a pair of like-colored pixels?

- A) Resolution of a printer
- B) Dot pitch
- C) Resolution of a screen
- D) All of the above

Answer: B

72. Which term below is not associated with a monitor?

- A) Resolution of a screen
- B) Dot pitch
- C) Pixel
- D) Bus

Answer: D

73. What is the number of dots per inch?

- A) Resolution of a printer
- B) Dot pitch
- C) Resolution of a screen
- D) Pixel

Answer: A

74. Which of the following is not a type of printer?

- A) Inkjet printer
- B) Dot printer
- C) Laser printer
- D) Multifunction printer

Answer: B

75. What type of printer makes images by forcing ink droplets through nozzles?

- A) Inkjet printer
- B) Laser printer
- C) Multifunction printer
- D) All of the above

Answer: A

Basant Group of Institution

Computer Fundamental

76. What type of printer would you purchase if you need a printer that could also scan and make copies?

- A) Inkjet printer
- B) Black/white laser printer
- C) Color laser printer
- D) Multifunction printer

Answer: D

77. What is the number of billions of CPU cycles per second?

- A) Gigahertz
- B) Megahertz
- C) Gigabyte
- D) Megabyte

Answer: A

78. What two primary parts are contained in a CPU?

- A) Control unit and logic unit
- B) Megabyte and gigabyte
- C) Megahertz and gigahertz
- D) Arithmetic/logic unit and control unit

Answer: D

79. What part of the CPU interprets software instructions and literally tells the other hardware devices what to do, based on the software instructions?

- A) Control unit
- B) RAM
- C) Speed
- D) Arithmetic/logic unit

Answer: A

80. What part of the CPU performs all arithmetic operations and all logic operations?

- A) Control unit
- B) RAM
- C) Speed
- D) Arithmetic logic unit

Answer: D

81. Which of the following represents how RAM capacity is expressed?

- A) Megahertz
- B) Gigahertz
- C) Megabytes
- D) All of the above

Answer: C

Basant Group of Institution

Computer Fundamental

82. What is roughly one million bytes?

- A) Bit
- B) Megabyte
- C) Gigabyte
- D) Terabyte

Answer: B

83. What is approximately a trillion bytes?

- A) Bit
- B) Megabyte
- C) Gigabyte
- D) Terabyte

Answer: D

84. What is an optical or laser disc that offers no updating capabilities with upward of 17GB of storage capacity?

- A) Floppy disk
- B) Hard disk
- C) CD-ROM
- D) DVD-ROM

Answer: D

85. What is an optical or laser disk that offers no updating capabilities with about 800MB of storage capacity?

- A) Floppy disk
- B) Hard disk
- C) CD-ROM
- D) DVD-ROM

Answer: C

86. What uses electronic pathways to move information between basic components on the motherboard, including between CPU and RAM?

- A) System bus
- B) Expansion slot
- C) Expansion card
- D) Expansion bus

Answer: A

87. Which of the following is a circuit board that you insert into an expansion slot?

- A) System bus
- B) Expansion slot
- C) Expansion card
- D) Expansion bus

Answer: C

Basant Group of Institution

Computer Fundamental

88. What moves information from your CPU and RAM to all of your other hardware devices such as your microphone and printer?

- A) System bus
- B) Expansion slot
- C) Expansion card
- D) Expansion bus

Answer: D

89. What is a long skinny socket on the motherboard into which you insert an expansion card?

- A) System bus
- B) Expansion slot
- C) Expansion card
- D) Expansion bus

Answer: B

90. All of the following are types of connectors, except:

- A) USB
- B) Serial connector
- C) Parallel connector
- D) System bus

Answer: D

91. What type of connector is becoming the most popular means of connecting devices to a computer?

- A) USB
- B) Serial connector
- C) Parallel connector
- D) System bus

Answer: A

92. What are the plug-ins found on the outside of your system box (usually in the back) into which you plug a connector?

- A) USB
- B) Ports
- C) Expansion bus
- D) System bus

Answer: B

93. What is the wireless device that works in essentially the same way as the remote control on your TV?

- A) USB
- B) Ports
- C) Expansion bus
- D) IrDA ports

Answer: D

Basant Group of Institution

Computer Fundamental

94. Which type of input device captures images, photos, and artwork that already exists on paper?

- A) Touch screen
- B) Optical mark recognition
- C) Scanner
- D) None of the above

Answer: C

95. Which of the following is a type of application software?

- A) Payroll
- B) Word processing
- C) Project management
- D) All of the above

Answer: D

96. Which of the following is not a type of horizontal market software?

- A) Payroll software
- B) Inventory management software
- C) Human resource management software
- D) Nursing allocation software

Answer: D

97. Which of the following tasks can be handled by a PDA?

- A) Appointment scheduling
- B) Surf the Web
- C) Note taking
- D) All of the above

Answer: D

98. Which type of computer permits the user to write on the screen using a special pen or stylus?

- A) laptop
- B) desktop
- C) tablet PC
- D) mainframe

Answer: C

99. Which software helps you perform personal tasks?

- A) personal productivity
- B) spreadsheet
- C) word processing
- D) all of the above

Answer: D

Basant Group of Institution

Computer Fundamental

100. Which software is used to create letters, papers, or other basic documents?

- A) personal productivity
- B) spreadsheet
- C) word processing
- D) database management system

Answer: C

101. Which software is used primarily with numbers to perform calculations and create graphs?

- A) personal productivity
- B) spreadsheet
- C) word processing
- D) database management system

Answer: B

102. Which software is used to create and edit electronic slides?

- A) personal finance
- B) graphics
- C) presentation
- D) web authoring

Answer: C

103. Which software includes design and formatting techniques to enhance the appearance of a document?

- A) personal productivity
- B) spreadsheet
- C) word processing
- D) desktop publishing

Answer: D

104. Which software helps you create and maintain to-do lists, calendars, and contacts?

- A) personal information management
- B) spreadsheet
- C) word processing
- D) database management system

Answer: A

105. Which software helps you maintain financial records?

- A) personal finance
- B) spreadsheet
- C) word processing
- D) database management system

Answer: A

Basant Group of Institution

Computer Fundamental

106. Which software helps you design and develop web pages?

- A) personal productivity
- B) web authoring
- C) word processing
- D) database management system

Answer: B

107. Which software helps you create and edit photos and art?

- A) personal productivity
- B) spreadsheet
- C) word processing
- D) graphics

Answer: D

108. Which software helps you communicate with other people?

- A) personal productivity
- B) spreadsheet
- C) word processing
- D) none of the above

Answer: D

109. Which software helps you specify the logical organization for a database?

- A) personal productivity
- B) spreadsheet
- C) word processing
- D) database management system

Answer: D

110. Examples of horizontal market software include which of the following?

- A) inventory management
- B) payroll
- C) accounts receivable
- D) all of the above

Answer: D

111. Which type of utility software is used to organize information on your hard disk in the most efficient way?

- A) disk optimization
- B) virus protection
- C) disk defragmentation
- D) uninstaller

Answer: A

Basant Group of Institution

Computer Fundamental

112. ASCII is a coding system that defines?

- A) what bits represent
- B) what bytes represent
- C) what megabytes represent
- D) what terabytes represent

Answer: B

113. Keyboards are most commonly used with which type of PC?

- A) PDAs and tablets
- B) PCs and laptops
- C) PCs and styluses
- D) joysticks and PCs

Answer: B

114. Which of the following describes different types of mice?

- A) mechanical
- B) optical
- C) wireless
- D) all of the above

Answer: D

115. Which of the following are pointing devices?

- A) keyboard
- B) trackball
- C) joystick
- D) paint can

Answer: B

116. Touchpads and pointing sticks are commonly found on what type of computer?

- A) laptop
- B) desktop
- C) PDA
- D) mainframe

Answer: A

117. Which of the following pointing devices would be used on a PDA?

- A) touchpad
- B) keyboard
- C) stylus
- D) trackball

Answer: C

Basant Group of Institution

Computer Fundamental

118. Which of the following is not a game controller?

- A) gaming glove
- B) gamepad
- C) joystick
- D) keyboard

Answer: D

119. Which type of scanner is used to capture images, photos, and text that already exist on paper?

- A) image scanner
- B) bar code scanner
- C) optical mark scanner
- D) biometric scanner

Answer: A

120. Which type of scanner is used to detect the presence or absence of a mark?

- A) image scanner
- B) bar code scanner
- C) optical mark scanner
- D) biometric scanner

Answer: C

121. Which of the following devices is used to capture still images?

- A) webcam
- B) digital video camera
- C) digital still camera
- D) microphone

Answer: C

122. Which of the following is not a flat-panel display?

- A) liquid crystal display
- B) gas plasma display
- C) cathode ray tube display
- D) all of the above

Answer: C

123. Which magnetic storage device consists of one or more thin metal platters sealed inside the computer?

- A) Floppy disk
- B) Hard disk
- C) CD-ROM
- D) DVD-ROM

Answer: B

Basant Group of Institution

Computer Fundamental

124. Which of the following is not a form of optical storage?

- A) CD-ROM
- B) CD-R
- C) DVD
- D) SD card

Answer: D

125. Which of the following can be written to repeatedly?

- A) CD-R
- B) DVD
- C) DVD-RW
- D) CD-ROM

Answer: C

126. Which of the following is a flash memory device?

- A) xD card
- B) SD card
- C) CF card
- D) none of the above

Answer: D

127. XD cards, SD cards, CF cards, MMC cards, SM cards, and memory sticks are all forms of?

- A) optical storage
- B) flash memory cards
- C) CPUs
- D) RAM

Answer: B

128. The CPU clock utilizes a small piece of which material?

- A) paper
- B) granite
- C) pie
- D) quartz

Answer: D

129. Hot swapping refers to:

- A) USB 2.0 features only
- B) connecting and disconnecting devices while the computer is still running
- C) automatically detecting new devices
- D) formatting new hard drives automatically

Answer: B

Basant Group of Institution

Computer Fundamental

130. Which of the following ports are often used to connect keyboards and mice?

- A) parallel
- B) firewire
- C) input
- D) PS/2

Answer: D

131. Which of the following wireless connections is designed for short range connectivity of up to 30 feet?

- A) IRDA
- B) WiFi
- C) 802.11b
- D) Bluetooth

Answer: D

132. What is the typical range of a WiFi network?

- A) 30 feet
- B) 300 feet
- C) 3000 feet
- D) 30 yards

Answer: B

133. Which of the following is an expansion card typically used on a laptop computer?

- A) 802.11g
- B) PC Card
- C) SD card
- D) PC Rom

Answer: B

134. A PC card fits into what type of expansion slot?

- A) expansion bus
- B) expansion slot
- C) card slot
- D) card holder

Answer: C

135. Which of the following is not an operating system?

- A) Linux
- B) Linus
- C) Windows XP Home
- D) Windows XP Professional

Answer: B