

CHAPTER 05 • CLASS 9

SOFTWARE SYSTEM

Master MCQ Guide

Computer Science & Entrepreneurship

85

MCQs

4

Sections



Answers Marked

100%

Explained

Practice • Understand • Score Higher

SECTION 1 • Q1–15

Introduction & Types of Software

Q1. What is the primary definition of software in a computing system?

A) The physical components of a computer

B) A collection of programs and instructions that tell a computer what to do ✓

C) The electrical signals passing through circuits

D) The user interacting with the computer

Correct Answer: B ✓

Explanation: Software is the intangible set of instructions, programs, and data that direct the hardware to perform specific tasks. Without it, the physical computer (hardware) is essentially a useless machine.

Q2. What is the name of the first computer virus mentioned in the chapter?

A) Creeper ✓

B) Trojan

C) Mydoom

D) ILOVEYOU

Correct Answer: A ✓

Explanation: The text highlights that the first computer virus was named "Creeper," created in 1971 as an experimental self-replicating program. It displayed the message "I'm the creeper, catch me if you can!"

Q3. In which year was the Creeper virus created?

A) 1950

B) 1971 ✓

C) 1985

D) 1999

Correct Answer: B ✓

Explanation: The textbook explicitly states the Creeper virus was created in 1971 as an experimental program, marking a significant moment in computing history.

Q4. Which of the following acts as an intermediary between the user and the computer hardware?

A) The monitor

B) Application software

C) System software



D) The CPU

Correct Answer: C ✓

Explanation: System software, particularly the operating system, acts as the bridge or intermediary. It translates user commands and ensures the hardware components communicate effectively with the application software.

Q5. What is the primary purpose of system software?

A) To help users create documents and presentations

B) To manage system resources and provide a platform for applications to run ✓

C) To browse the internet and play games

D) To design graphics and edit photos

Correct Answer: B ✓

Explanation: System software is designed to manage the computer's hardware resources (like memory and CPU) and provide a stable environment or platform upon which application software can run.

Q6. Which of the following is an example of system software?

A) Microsoft Word

B) Google Chrome

C) Windows Operating System ✓

D) Minecraft

Correct Answer: C ✓

Explanation: Windows is an operating system, which is a core type of system software. The other options are application software designed for specific user tasks.

Q7. What is the main purpose of application software?

A) To manage hardware resources

B) To help users perform specific tasks ✓

C) To act as a translator for device drivers

D) To provide a user interface

Correct Answer: B ✓

Explanation: Application software is built to fulfill specific user needs, such as word processing, browsing the web, or playing games, rather than managing the system itself.

Q8. Which of the following is an example of application software?

A) Linux

B) macOS

C) Device Drivers

D) Google Docs ✓

Correct Answer: D ✓

Explanation: Google Docs is a word processing application designed for users to create and edit documents. It is not a system software.

Q9. How does system software differ from application software in terms of installation?

A) System software is usually installed by the user, while application software is pre-installed.

B) System software is usually pre-installed on the computer, while application software is installed by the user as needed. ✓

C) Both are always pre-installed.

D) Neither is pre-installed; both must be downloaded.

Correct Answer: B ✓

Explanation: The text clarifies that system software (like the OS and drivers) typically comes pre-installed on a computer to make it functional. Application software, however, is installed by the user based on their specific needs.

Q10. Which of the following is NOT a type of system software?

- A) Operating System
- B) Device Drivers
- C) Utility Programs

D) Web Browser



Correct Answer: D ✓

Explanation: A web browser is an application software used to access the internet. System software is categorized into Operating Systems, Device Drivers, and Utility Programs.

Q11. Which of the following is NOT an example of application software?

- A) Microsoft Excel
- B) Linux**
- C) Adobe Photoshop
- D) VLC Media Player



Correct Answer: B ✓

Explanation: Linux is an operating system, which falls under system software. Excel, Photoshop, and VLC are all application software designed for specific tasks.

Q12. What does software act as between the user and the hardware?

A) A barrier

B) An intermediary



C) A compiler

D) A peripheral

Correct Answer: B ✓

Explanation: Software acts as the crucial intermediary or bridge, enabling the user to communicate their desires to the hardware, which then executes the physical actions.

Q13. Which of the following statements best describes the difference in purpose between system and application software?

A) System software performs specific tasks; application software manages hardware.

B) System software manages hardware; application software helps the user perform specific tasks. ✓

C) System software is for gaming; application software is for business.

D) System software is installed by the user; application software is pre-installed.

Correct Answer: B ✓

Explanation: The core distinction is that system software operates and manages the computer hardware, while application software is built to help the user accomplish specific tasks like writing or designing.

Q14. What is the primary role of software in a computer system?

A) To provide physical structure

B) To supply electricity

C) To tell the computer what to do and how to do it ✓

D) To increase the weight of the computer

Correct Answer: C ✓

Explanation: Software is essentially a set of instructions. Without these instructions, the physical hardware would not know what operations to perform, rendering it useless.

Q15. Which of the following is an example of a utility program?

A) Microsoft Word

B) Antivirus software ✓

C) Google Chrome

D) Minecraft

Correct Answer: B ✓

Explanation: Utility programs are a type of system software. Antivirus software is a classic example of a utility program designed to enhance system security and maintenance.

SECTION 2 • Q16–35

Operating Systems (OS) & Their Functions

Q16. What does an Operating System (OS) manage?

- A) Only the software applications
- B) Only the hardware components
- C) All hardware and software on a computer ✓**
- D) Only the user interface

Correct Answer: C ✓

Explanation: An operating system is the master controller. It manages all hardware resources and software applications, ensuring they work together efficiently without interfering with each other.

Q17. Which company developed the Windows operating system?

A) Apple

B) Google

C) Microsoft



D) Linux Foundation

Correct Answer: C ✓

Explanation: Microsoft is the developer behind the Windows operating system, which features a start menu, taskbar, and windows for applications.

Q18. Which operating system is known for its Dock and Mission Control features?

A) Windows

B) macOS



C) Linux

D) Android

Correct Answer: B ✓

Explanation: macOS, developed by Apple, is characterized by its Dock at the bottom of the screen and unique features like Mission Control for managing windows.

Q19. Which operating system is open-source and used for everything from servers to desktop computers?

A) Windows

B) macOS

C) Linux



D) iOS

Correct Answer: C ✓

Explanation: Linux is an open-source OS, meaning its source code is freely available. It is highly versatile, powering everything from massive servers to personal desktops.

Q20. Which operating system is developed by Google for smartphones and tablets?

A) iOS

B) Android



C) macOS

D) Linux

Correct Answer: B ✓

Explanation: Google developed Android, an OS specifically designed for smartphones and tablets, used by many different device manufacturers.

Q21. Which operating system is specifically designed for iPhones and iPads?

A) Android

B) Windows

C) iOS



D) Linux

Correct Answer: C ✓

Explanation: iOS is Apple's operating system designed exclusively for their mobile devices, specifically iPhones and iPads, and is known for its smooth performance.

Q22. What is the primary function of an OS regarding hardware resources?

A) To physically repair hardware

B) To ensure each application gets the necessary resources without interfering with others



C) To manufacture new hardware

D) To increase the physical speed of the CPU

Correct Answer: B ✓

Explanation: The OS acts as a resource manager. It allocates CPU time, memory, and peripheral access to applications, ensuring they run smoothly without clashing with one another.

Q23. When you open a web browser and listen to music simultaneously, what role is the OS playing?

A) Providing a user interface

B) Managing hardware resources ✓

C) Running applications

D) Compressing files

Correct Answer: B ✓

Explanation: The OS is managing hardware resources by allocating CPU time and memory to both the web browser and the media player, ensuring both run effectively without interrupting each other.

Q24. What is a User Interface (UI)?

A) The physical screen of the computer

B) The way a user interacts with the computer ✓

C) The internal wiring of the CPU

D) A type of application software

Correct Answer: B ✓

Explanation: A User Interface (UI) is the medium or environment that allows users to interact with the computer. It can be graphical (GUI) or text-based (CLI).

Q25. Which type of user interface uses visual elements like windows, icons, and menus?

A) Command-Line Interface (CLI)

B) Graphical User Interface (GUI) ✓

C) Text-Based Interface

D) Hardware Interface

Correct Answer: B ✓

Explanation: A Graphical User Interface (GUI) relies on visual elements like windows, icons, and menus, making it user-friendly and intuitive for navigating and performing tasks.

Q26. Which of the following operating systems primarily uses a GUI?

A) MS-DOS

B) Linux (CLI)

C) Windows and macOS ✓

D) Unix Shell

Correct Answer: C ✓

Explanation: Windows and macOS are prime examples of operating systems that utilize a Graphical User Interface (GUI), allowing users to click icons and drag files.

Q27. What is a characteristic of a Command-Line Interface (CLI)?

A) It requires users to type text commands ✓

B) It uses visual icons and menus

C) It is easier for beginners than a GUI

D) It cannot be used to run programs

Correct Answer: A ✓

Explanation: A CLI requires users to type specific text commands to perform tasks. While more flexible and powerful, it is generally harder for beginners compared to a GUI.

Q28. Which operating systems are cited as examples of providing a CLI?

A) Windows and macOS

B) Linux and Disk Operating System (DOS) ✓

C) Android and iOS

D) Apple Pages and Google Docs

Correct Answer: B ✓

Explanation: The text explicitly mentions Linux and Disk Operating System (DOS) as examples of operating systems that provide Command-Line Interfaces (CLIs).

Q29. What does the OS do when running applications?

A) It only opens the application window

B) It loads applications into memory, allocates necessary resources, and manages their execution ✓

C) It permanently deletes other applications

D) It slows down the computer intentionally

Correct Answer: B ✓

Explanation: Running applications involves the OS loading the application into the computer's memory, allocating CPU time and resources, and managing its execution to ensure it runs efficiently.

Q30. Which of the following is NOT a function of an operating system?

A) Managing hardware resources

B) Providing a user interface

C) Designing graphics for a website



D) Running applications

Correct Answer: C ✓

Explanation: Designing graphics is a task performed by application software (like Adobe Photoshop). The OS provides the platform for that software to run, but it does not design graphics itself.

Q31. What happens if you open multiple applications at once?

A) The computer crashes immediately

B) The OS manages the distribution of resources so all applications can run ✓

C) Only the first application opened will work

D) The OS deletes the background applications

Correct Answer: B ✓

Explanation: A key function of the OS is multitasking. It manages the distribution of resources (like CPU and RAM) so that multiple applications can run simultaneously without performance issues.

Q32. Which OS is known for its smooth performance and is developed by Apple for iPhones?

A) Android

B) Windows

C) iOS



D) Linux

Correct Answer: C ✓

Explanation: iOS is Apple's mobile operating system, designed specifically for iPhones and iPads, and is widely recognized for its smooth and optimized performance.

Q33. What feature is associated with Microsoft Windows?

A) Dock

B) Mission Control

C) Start menu and taskbar



D) Open-source code

Correct Answer: C ✓

Explanation: The text notes that Windows features a start menu, taskbar, and windows for applications. Dock and Mission Control are macOS features.

Q34. What is the primary objective of system software?

A) To entertain the user

B) To manage hardware resources and provide a platform for applications ✓

C) To create spreadsheets

D) To compress files

Correct Answer: B ✓

Explanation: The primary objective of system software is to manage the hardware resources of the computer and provide a stable platform upon which application software can run.

Q35. Which of the following is true about Linux?

A) It is exclusively for Apple computers

B) It is an open-source OS that can look different depending on the distribution ✓

C) It is developed by Microsoft

D) It is only used on smartphones

Correct Answer: B ✓

Explanation: Linux is an open-source OS, meaning its code is freely available. Because of this, different distributions (versions) exist, giving it a varied look and feel depending on the user's choice.

SECTION 3 • Q36–55

Utility Programs & Device Drivers

Q36. What are utility programs?

A) Applications for playing games

B) Essential components of system software that enhance functionality and ensure smooth operation ✓

C) Programs used to create documents

D) Physical hardware components

Correct Answer: B ✓

Explanation: Utility programs are a category of system software. They are essential for enhancing the computer's functionality, ensuring smooth operation, and managing hardware, software, and data efficiently.

Q37. What is the function of Disk Cleanup?

A) To increase internet speed

B) To scan the hard drive for temporary and cached files that can be safely deleted ✓

C) To create new folders

D) To install new applications

Correct Answer: B ✓

Explanation: Disk Cleanup is a utility program that scans the hard drive to identify and remove unnecessary files, such as temporary files and cached data, to reclaim disk space and improve performance.

Q38. Which utility program is used to protect a computer from malware and viruses?

A) Disk Cleanup

B) Backup Software

C) Antivirus Software ✓

D) File Compression Tool

Correct Answer: C ✓

Explanation: Antivirus software is a utility program that scans files and incoming data for known viruses and malware signatures, providing real-time protection against cyber threats.

Q39. You receive an email attachment from an unknown sender. Which utility should you run before opening it?

A) Disk Cleanup

B) Antivirus Software ✓

C) Backup Software

D) File Compression Tool

Correct Answer: B ✓

Explanation: Running antivirus software before opening suspicious attachments is a crucial real-life safety measure to scan for potential viruses and ensure the computer remains safe.

Q40. What is the main purpose of Backup Software?

A) To delete old files

B) To schedule regular backups of files and folders to external drives or cloud storage ✓

C) To increase the computer's processing speed

D) To compress files for emailing

Correct Answer: B ✓

Explanation: Backup software is designed to create copies of files and folders (full or selective) and store them in a safe location, such as an external drive or the cloud, to prevent data loss.

Q41. If you accidentally delete an important presentation file, which utility would help you retrieve it?

A) Disk Cleanup

B) Antivirus Software

C) Backup Software ✓

D) File Compression Tool

Correct Answer: C ✓

Explanation: Backup software allows you to retrieve the latest backed-up version of a file, ensuring minimal disruption to your work if a file is accidentally deleted.

Q42. What do File Compression Tools do?

- A) They increase the file size for better quality
- B) They compress one or multiple files into a single archive format like ZIP or RAR** ✓
- C) They permanently delete files
- D) They scan for viruses

Correct Answer: B ✓

Explanation: File compression tools reduce the size of files by combining them into a single archive (e.g., ZIP or RAR). They preserve data integrity and often provide encryption and password protection.

Q43. Why would you use a File Compression Tool?

- A) To make a file run faster
- B) To reduce file size, save storage space, and make file transfer faster** ✓
- C) To increase the resolution of images
- D) To convert a document to a PDF

Correct Answer: B ✓

Explanation: Compressing files reduces their size, which saves valuable storage space and significantly speeds up the process of uploading or sending them over the internet.

Q44. What is the role of a Device Driver?

- A) To manage the computer's memory
- B) To facilitate communication between hardware devices and the operating system** ✓
- C) To create documents and spreadsheets
- D) To provide a user interface

Correct Answer: B ✓

Explanation: Device drivers act as translators, facilitating communication between the hardware devices (like printers or graphics cards) and the operating system, ensuring the devices function correctly.

Q45. Which of the following is an example of a device driver?

- A) Microsoft Word
- B) Printer Driver** ✓
- C) Google Chrome
- D) Disk Cleanup

Correct Answer: B ✓

Explanation: A printer driver is a specific type of device driver. It helps the computer send the correct signals to the printer so it can print documents properly.

Q46. What does a Graphics Card Driver do?

A) It makes the computer run faster

B) It ensures the computer can display images and videos correctly on the screen ✓

C) It prints documents

D) It connects to the internet

Correct Answer: B ✓

Explanation: The graphics card driver is essential for rendering visual output. It translates instructions from the OS into specific commands the graphics card understands to display images and videos correctly.

Q47. Which analogy is used in the text to explain device drivers?

A) A car and its engine

B) A TV and its remote control ✓

C) A book and its pages

D) A phone and its charger

Correct Answer: B ✓

Explanation: The text uses the analogy of a TV remote control. The TV is the hardware, the remote is the driver that sends the correct signals, and the user is the computer deciding what to do.

Q48. In the TV remote analogy, what does the "TV" represent?

A) The Operating System

B) The Device (Hardware) ✓

C) The Device Driver

D) The User

Correct Answer: B ✓

Explanation: In the analogy, the TV represents the hardware device. It has the capabilities (changing channels, volume) but needs instructions to perform those actions.

Q49. In the TV remote analogy, what does the "Remote Control" represent?

A) The Device Driver ✓

B) The Application Software

C) The User

D) The CPU

Correct Answer: A ✓

Explanation: The remote control represents the device driver. It acts as the translator that sends the correct signals (instructions) to the TV (hardware) to perform the desired action.

Q50. What is the correct sequence of how device drivers work?

A) Communication -> Installation -> Operation

B) Installation -> Communication -> Operation ✓

C) Operation -> Installation -> Communication

D) Installation -> Operation -> Communication

Correct Answer: B ✓

Explanation: The process begins with Installation (connecting the device), followed by Communication (the driver translating instructions), and finally Operation (the computer and device work together smoothly).

Q51. What does Plug and Play (PnP) mean?

A) A device that requires manual driver installation

B) A device that automatically configures itself when connected to a computer ✓

C) A game that can be played on the computer

D) A type of utility software

Correct Answer: B ✓

Explanation: A Plug and Play (PnP) device is designed to automatically configure itself when connected to a computer, simplifying the installation and use process by eliminating the need for manual driver setup.

Q52. What was the name of the first operating system, created in the 1950s for IBM computers?

A) Windows

B) GM-NAA I/O ✓

C) macOS

D) Linux

Correct Answer: B ✓

Explanation: The text mentions that the first operating system was created in the 1950s for IBM computers and was called GM-NAA I/O.

Q53. Why should you always keep your system software updated?

A) To change the color of your desktop

B) To ensure the computer runs smoothly and is protected from security threats ✓

C) To make the computer run slower

D) To delete all your files

Correct Answer: B ✓

Explanation: Keeping system software updated is crucial for smooth operation and security. Updates often contain patches for vulnerabilities and improvements for performance.

Q54. Which utility program would you use to reduce the size of a high-resolution photo folder before emailing it?

A) Antivirus Software

B) Disk Cleanup

C) File Compression Tool



D) Backup Software

Correct Answer: C ✓

Explanation: File compression tools (like creating a ZIP file) are specifically designed to reduce the size of large files or folders, making them easier and faster to upload and send via email.

Q55. What is the primary purpose of utility programs within a computer system?

A) To replace the operating system

B) To enhance functionality and ensure smooth operation and efficient management ✓

C) To act as the main user interface

D) To design complex websites

Correct Answer: B ✓

Explanation: Utility programs are essential components of system software. They perform various tasks to enhance the functionality of the computer, ensuring smooth operation and efficient management of hardware, software, and data.

SECTION 4 • Q56–85

Application Software

Q56. What is the primary definition of application software?

- A) Programs designed to manage hardware resources
- B) Programs designed to perform specific tasks for users** ✓
- C) Programs that act as translators for hardware
- D) Programs that manage the operating system

Correct Answer: B ✓

Explanation: Application software refers to programs designed to perform specific tasks for users, ranging from productivity and creativity to entertainment and education.

Q57. Which of the following is the primary function of Word Processing Software?

A) Organizing data in rows and columns

B) Creating, editing, formatting, and printing text-based documents ✓

C) Editing photographs and creating digital art

D) Playing audio and video files

Correct Answer: B ✓

Explanation: Word processing software is specifically designed for working with text. It allows users to create, edit, format, and print documents like letters, reports, and essays.

Q58. Which of the following is an example of Word Processing Software?

A) Microsoft Excel

B) Google Sheets

C) Microsoft Word



D) Adobe Photoshop

Correct Answer: C ✓

Explanation: Microsoft Word is one of the most widely used word processing programs. Excel and Sheets are spreadsheets, and Photoshop is graphic design software.

Q59. Which word processor is web-based and allows real-time collaboration?

A) Microsoft Word

B) Apple Pages

C) Google Docs



D) LibreOffice Writer

Correct Answer: C ✓

Explanation: Google Docs is a web-based word processor. It allows multiple users to edit a document simultaneously in real-time, making it excellent for collaborative work.

Q60. Which word processor is available on macOS and iOS and integrates with other Apple products?

A) Google Docs

B) Apple Pages ✓

C) Microsoft Word

D) LibreOffice Writer

Correct Answer: B ✓

Explanation: Apple Pages is the word processing software available on macOS and iOS. It features a user-friendly interface, templates, design tools, and seamless integration with other Apple products.

Q61. Which of the following is a free and open-source word processor?

A) Microsoft Word

B) Google Docs

C) Apple Pages

D) LibreOffice Writer ✓

Correct Answer: D ✓

Explanation: LibreOffice Writer is a free and open-source word processor available on Windows, macOS, and Linux, offering a robust set of features similar to Microsoft Word.

Q62. What is the primary function of Spreadsheet Software?

A) Creating text documents

B) Organizing, analyzing, and storing data in tabular form ✓

C) Editing videos

D) Browsing the internet

Correct Answer: B ✓

Explanation: Spreadsheet software is used for organizing, analyzing, and storing data in a tabular format (a grid of rows and columns). It is essential for tasks like budgeting and data management.

Q63. In a spreadsheet, data is arranged in a grid of:

A) Pages and paragraphs

B) Rows and columns ✓

C) Slides and transitions

D) Layers and masks

Correct Answer: B ✓

Explanation: A spreadsheet consists of a grid of cells arranged in rows and columns, where users can input data, perform calculations, and create charts.

Q64. Which of the following is an example of Spreadsheet Software?

A) Microsoft Word

B) Microsoft Excel ✓

C) Adobe Illustrator

D) Google Docs

Correct Answer: B ✓

Explanation: Microsoft Excel is one of the most widely used spreadsheet programs, offering powerful features like complex formulas, pivot tables, and a variety of chart options.

Q65. Which spreadsheet software is web-based and allows real-time collaboration?

A) Microsoft Excel

B) Apple Numbers

C) Google Sheets ✓

D) LibreOffice Calc

Correct Answer: C ✓

Explanation: Google Sheets is a web-based spreadsheet program that allows multiple users to edit a spreadsheet simultaneously in real-time, integrating seamlessly with other Google services.

Q66. Which spreadsheet software is available on macOS and iOS and offers strong visualization tools?

A) Google Sheets

B) Apple Numbers ✓

C) Microsoft Excel

D) LibreOffice Calc

Correct Answer: B ✓

Explanation: Apple Numbers is available on macOS and iOS. It provides a user-friendly interface with strong visualization tools for creating visually appealing spreadsheets.

Q67. Which of the following is a free and open-source spreadsheet program?

A) Microsoft Excel

B) Google Sheets

C) Apple Numbers

D) LibreOffice Calc ✓

Correct Answer: D ✓

Explanation: LibreOffice Calc is a free and open-source spreadsheet program available on Windows, macOS, and Linux, offering features similar to Microsoft Excel.

Q68. What is the primary function of Graphic Design Software?

A) Managing hardware resources

B) Creating, editing, and managing visual content ✓

C) Organizing data in tables

D) Writing text documents

Correct Answer: B ✓

Explanation: Graphic design software is used for creating, editing, and managing visual content. It provides tools for drawing, painting, photo editing, and creating illustrations.

Q69. Which of the following is an example of Graphic Design Software?

A) Microsoft Word

B) Microsoft Excel

C) Adobe Photoshop



D) Google Chrome

Correct Answer: C ✓

Explanation: Adobe Photoshop is one of the most popular graphic design programs. It offers powerful tools for photo editing, digital painting, and graphic design.

Q70. Which graphic design software is known as a vector graphics editor used to create logos and illustrations?

A) Adobe Photoshop

B) Adobe Illustrator



C) GIMP

D) Canva

Correct Answer: B ✓

Explanation: Adobe Illustrator is a vector graphics editor used to create logos, illustrations, and scalable graphics that maintain quality at any size, unlike raster graphics.

Q71. Which of the following is a free and open-source graphic design program?

A) Adobe Photoshop

B) CorelDRAW

C) GNU Image Manipulation Program (GIMP)



D) Adobe Illustrator

Correct Answer: C ✓

Explanation: GIMP (GNU Image Manipulation Program) is a free and open-source graphic design program available on multiple platforms, offering many features similar to Adobe Photoshop.

Q72. Which web-based graphic design tool is known for its easy-to-use interface and templates, making it perfect for beginners?

A) Adobe Photoshop

B) CorelDRAW

C) Canva



D) GIMP

Correct Answer: C ✓

Explanation: Canva is a web-based graphic design tool accessible on any OS with internet access. It provides a wide range of templates and design elements, making it perfect for beginners and professionals alike.

Q73. Which AI tool is mentioned as revolutionizing word processing by providing advanced grammar and style suggestions?

A) Adobe Sensei

B) Grammarly ✓

C) Google Explore

D) Microsoft Ideas

Correct Answer: B ✓

Explanation: The text highlights that AI-based tools like Grammarly and Microsoft Editor are revolutionizing word processing by providing advanced grammar, style, and tone suggestions to help users write more clearly and effectively.

Q74. Which AI tool is associated with Adobe Photoshop and Illustrator to help designers automate tasks?

- A) Grammarly
- B) Microsoft Editor
- C) Adobe Sensei**
- D) Google Explore



Correct Answer: C ✓

Explanation: Adobe Sensei is an AI tool integrated into Adobe products like Photoshop and Illustrator. It helps designers by automating repetitive tasks, suggesting design elements, and enhancing images.

Q75. In which domains is application software used according to the text?

A) Only in business

B) Only in education

C) Business, education, and graphic design, among others



D) Only in entertainment

Correct Answer: C ✓

Explanation: The text mentions that application software is used in various domains, including business, education, and graphic design, to streamline operations, enhance learning, and foster creativity.

Q76. What does application software utilize to fulfill user needs?

A) The capabilities of the underlying operating system and hardware ✓

B) Only the internet

C) Only the user's input

D) The physical printer

Correct Answer: A ✓

Explanation: Application software relies on the capabilities of the underlying operating system and hardware to function. It cannot run without the platform provided by the system software.

Q77. Which of the following is NOT a type of application software?

- A) Word Processing Software
- B) Spreadsheet Software
- C) Utility Programs** ✓
- D) Graphic Design Software

Correct Answer: C ✓

Explanation: Utility Programs are a category of system software, not application software. Word processing, spreadsheets, and graphic design are all types of application software.

Q78. What is the primary objective of software as a system?

A) To manage hardware resources and provide a platform for applications to run smoothly ✓

B) To create documents

C) To browse the internet

D) To play games

Correct Answer: A ✓

Explanation: The primary objective of software as a system (system software) is to manage the hardware resources of the computer and provide a stable platform for application software to run smoothly.

Q79. Which statement accurately differentiates system software from application software?

A) System software helps users perform specific tasks, while application software manages hardware.

B) System software manages hardware and basic system operations, while application software helps users perform specific tasks. ✓

C) System software is always free, while application software is always paid.

D) System software is only for mobile devices, while application software is for computers.

Correct Answer: B ✓

Explanation: The fundamental difference is that system software manages the hardware and basic operations of the computer, while application software is designed to help the user perform specific tasks.

Q80. Which type of software is usually pre-installed on a computer?

A) Application software

B) System software



C) Video games

D) Graphic design software

Correct Answer: B ✓

Explanation: System software, such as the operating system and device drivers, is usually pre-installed on a computer so that it is functional out of the box.

Application software is typically installed by the user as needed.

Q81. Which type of software enhances system performance, security, and maintenance?

A) Application software

B) Utility software ✓

C) Word processing software

D) Spreadsheet software

Correct Answer: B ✓

Explanation: Utility software is a type of system software specifically designed to enhance system performance (like Disk Cleanup), security (like Antivirus), and maintenance (like Backup).

Q82. What is the role of device drivers in a computer system?

A) To help users create presentations

B) To facilitate communication between hardware devices and the operating system ✓

C) To browse the internet

D) To manage the computer's memory

Correct Answer: B ✓

Explanation: Device drivers act as translators, facilitating communication between the hardware devices (like printers, keyboards, and graphics cards) and the operating system.

Q83. How does application software streamline operations in business?

A) By managing the CPU

B) By improving productivity and enhancing communication ✓

C) By installing device drivers

D) By cleaning up disk space

Correct Answer: B ✓

Explanation: In a business context, application software (like spreadsheets and word processors) streamlines operations by improving productivity and enhancing communication among employees.

Q84. How does application software enhance the learning experience in education?

A) By managing hardware resources

B) By improving administrative efficiency and facilitating communication between teachers and students ✓

C) By acting as an operating system

D) By compressing files

Correct Answer: B ✓

Explanation: In education, application software enhances the learning experience, improves administrative efficiency, and facilitates communication between teachers, students, and parents.

Q85. Which of the following best describes the relationship between system software and application software?

A) They are the same thing.

B) System software provides the platform for application software to run. ✓

C) Application software provides the platform for system software to run.

D) They cannot coexist on the same computer.

Correct Answer: B ✓

Explanation: System software (like the OS) acts as the foundation and platform. Application software relies on this platform to run and perform its specific tasks for the user.



Well Done!

You have completed Chapter 05: Software System

Quick Revision

- ✓ System software manages hardware & runs apps.
- ✓ Application software helps users do tasks.
- ✓ Utility programs: antivirus, backup, cleanup.
- ✓ Device drivers connect hardware with the OS.
- ✓ OS types: Windows, macOS, Linux, Android, iOS.

Keep practising. Keep learning. Keep growing.

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