**1. What is the main function of an Operating System?**

* a) Manage hardware resources
* b) Manage software applications
* c) Control peripheral devices
* d) All of the above  
  **Answer: d) All of the above**

**2. Which of the following is a type of malware?**

* a) Virus
* b) Firewall
* c) RAM
* d) Monitor  
  **Answer: a) Virus**

**3. Which of the following is an example of an input device?**

* a) Printer
* b) Monitor
* c) Keyboard
* d) Speaker  
  **Answer: c) Keyboard**

**4. Which of the following is not a search engine?**

* a) Google
* b) Yahoo
* c) Facebook
* d) Bing  
  **Answer: c) Facebook**

**5. What does HTTP stand for?**

* a) Hyper Text Transfer Protocol
* b) High Text Transfer Protocol
* c) Hyperlink Transfer Text Protocol
* d) None of the above  
  **Answer: a) Hyper Text Transfer Protocol**

**6. Which programming language is commonly used for web development?**

* a) C
* b) Python
* c) HTML
* d) Java  
  **Answer: c) HTML**

**7. What is the full form of URL?**

* a) Uniform Resource Locator
* b) Universal Resource Locator
* c) Uniform Resource Link
* d) None of the above  
  **Answer: a) Uniform Resource Locator**

**8. Which of the following is used to view web pages?**

* a) Web Browser
* b) Word Processor
* c) Database
* d) Spreadsheet  
  **Answer: a) Web Browser**

**9. Which of the following is an example of an output device?**

* a) Keyboard
* b) Monitor
* c) Mouse
* d) Scanner  
  **Answer: b) Monitor**

**10. What does the acronym 'BIOS' stand for?**

* a) Basic Integrated Operating System
* b) Basic Input Output System
* c) Binary Input Output System
* d) Basic Integrated Operating Software  
  **Answer: b) Basic Input Output System**

**11. Which of the following is a type of cloud computing service?**

* a) IaaS
* b) PaaS
* c) SaaS
* d) All of the above  
  **Answer: d) All of the above**

**12. Which one of these is an example of secondary storage?**

* a) RAM
* b) Hard Disk Drive
* c) CPU
* d) Cache Memory  
  **Answer: b) Hard Disk Drive**

**13. Which of the following is used to access the Internet?**

* a) Modem
* b) Printer
* c) Scanner
* d) Speaker  
  **Answer: a) Modem**

**14. Which of these is a popular spreadsheet application?**

* a) Microsoft Word
* b) Microsoft Excel
* c) Microsoft Access
* d) Microsoft PowerPoint  
  **Answer: b) Microsoft Excel**

**15. What is the primary function of the CPU?**

* a) Manage memory
* b) Perform calculations
* c) Display output
* d) Store data  
  **Answer: b) Perform calculations**

**16. Which of the following is the main advantage of cloud computing?**

* a) Requires less power
* b) Provides access to scalable resources
* c) More expensive than traditional computing
* d) Requires more maintenance  
  **Answer: b) Provides access to scalable resources**

**17. Which of the following is used to organize and manage files in Windows?**

* a) File Explorer
* b) Control Panel
* c) Task Manager
* d) Notepad  
  **Answer: a) File Explorer**

**18. Which of the following file extension is used for a Word document?**

* a) .txt
* b) .docx
* c) .html
* d) .jpg  
  **Answer: b) .docx**

**19. What does the term 'Firewall' refer to in computing?**

* a) A type of printer
* b) A security system that monitors network traffic
* c) A type of hard disk
* d) A device used to connect to a network  
  **Answer: b) A security system that monitors network traffic**

**20. Which of the following is an example of a programming language?**

* a) Word
* b) Python
* c) Excel
* d) Internet Explorer  
  **Answer: b) Python**

**21. What is the function of RAM in a computer?**

* a) Store long-term data
* b) Provide power to the CPU
* c) Store temporary data
* d) Control the screen display  
  **Answer: c) Store temporary data**

**22. Which of the following is not an input device?**

* a) Keyboard
* b) Mouse
* c) Microphone
* d) Printer  
  **Answer: d) Printer**

**23. Which of the following is a type of software?**

* a) Microsoft Word
* b) Laptop
* c) Processor
* d) RAM  
  **Answer: a) Microsoft Word**

**24. Which of the following is the smallest unit of data storage?**

* a) Byte
* b) Kilobyte
* c) Megabyte
* d) Bit  
  **Answer: d) Bit**

**25. Which of the following refers to the ability to access the internet from anywhere?**

* a) Mobile Computing
* b) Cloud Computing
* c) Network Security
* d) Distributed Computing  
  **Answer: a) Mobile Computing**

Mock test 2

**1. What is the full form of "URL"?**

* a) Uniform Resource Locator
* b) Universal Resource Locator
* c) Uniform Registration Locator
* d) Universal Registration Locator

**Answer:** a) Uniform Resource Locator

**2. Which of the following is an input device?**

* a) Monitor
* b) Printer
* c) Keyboard
* d) Speaker

**Answer:** c) Keyboard

**3. Which of the following is a primary memory?**

* a) Hard disk
* b) RAM
* c) CD-ROM
* d) Flash Drive

**Answer:** b) RAM

**4. What does "HTTP" stand for?**

* a) HyperText Transfer Protocol
* b) HyperText Translation Protocol
* c) Hyper Transfer Text Protocol
* d) HyperText Test Protocol

**Answer:** a) HyperText Transfer Protocol

**5. Which device is used to connect a computer to a network?**

* a) Router
* b) Printer
* c) Speaker
* d) Monitor

**Answer:** a) Router

**6. Which of the following is an operating system?**

* a) Microsoft Word
* b) Linux
* c) Adobe Photoshop
* d) Microsoft Excel

**Answer:** b) Linux

**7. Which of the following is the correct definition of software?**

* a) Physical components of a computer
* b) A type of storage device
* c) A set of instructions that tells a computer how to perform a task
* d) A device that enhances computer speed

**Answer:** c) A set of instructions that tells a computer how to perform a task

**8. Which of the following is NOT a type of software?**

* a) System Software
* b) Application Software
* c) Utility Software
* d) Hardware Software

**Answer:** d) Hardware Software

**9. What is the primary function of the ALU (Arithmetic Logic Unit)?**

* a) Perform arithmetic operations
* b) Perform logical operations
* c) Manage data storage
* d) Both a and b

**Answer:** d) Both a and b

**10. What does "GUI" stand for in computing?**

* a) General User Interface
* b) Graphical User Interface
* c) Generalized User Interface
* d) Graphical Unit Interface

**Answer:** b) Graphical User Interface

**11. What is the maximum possible value for a byte?**

* a) 8 bits
* b) 16 bits
* c) 32 bits
* d) 64 bits

**Answer:** a) 8 bits

**12. What is a spreadsheet program used for?**

* a) Word processing
* b) Data analysis and calculation
* c) Image editing
* d) Video conferencing

**Answer:** b) Data analysis and calculation

**13. What does "BIOS" stand for?**

* a) Basic Input Output System
* b) Basic Integrated Operating System
* c) Basic Input Operating System
* d) Basic Internal Operating System

**Answer:** a) Basic Input Output System

**14. What is the full form of "SQL"?**

* a) Simple Query Language
* b) Structured Query Language
* c) Standard Query Language
* d) Simple Question Language

**Answer:** b) Structured Query Language

**15. Which one of the following is a non-volatile memory?**

* a) RAM
* b) ROM
* c) Cache
* d) Registers

**Answer:** b) ROM

**16. Which of the following is an example of an output device?**

* a) Mouse
* b) Keyboard
* c) Monitor
* d) Scanner

**Answer:** c) Monitor

**17. Which protocol is used to send emails?**

* a) FTP
* b) HTTP
* c) SMTP
* d) SNMP

**Answer:** c) SMTP

**18. Which of the following is a type of cloud storage service?**

* a) Dropbox
* b) Flash Drive
* c) CD-ROM
* d) External Hard Drive

**Answer:** a) Dropbox

**19. What does "IP" stand for in networking?**

* a) Internet Protocol
* b) Internet Process
* c) Integrated Protocol
* d) Integrated Process

**Answer:** a) Internet Protocol

**20. Which software is used for web development?**

* a) Visual Studio Code
* b) Microsoft Word
* c) Adobe Reader
* d) Windows Media Player

**Answer:** a) Visual Studio Code

**21. Which of the following is used to manage hardware components of a computer system?**

* a) Device Drivers
* b) Word Processor
* c) Spreadsheet
* d) Image Editor

**Answer:** a) Device Drivers

**22. What is the purpose of an antivirus program?**

* a) To monitor internet speed
* b) To protect the system from malware and viruses
* c) To enhance system speed
* d) To optimize file storage

**Answer:** b) To protect the system from malware and viruses

**23. What is the maximum size of a FAT32 partition?**

* a) 4 GB
* b) 8 GB
* c) 16 GB
* d) 2 TB

**Answer:** d) 2 TB

**24. Which of the following is an example of a programming language?**

* a) Microsoft Excel
* b) Python
* c) Windows OS
* d) Adobe Photoshop

**Answer:** b) Python

**25. Which of the following refers to a private network that is used by a company or organization?**

* a) VPN
* b) LAN
* c) WAN
* d) MAN

**Answer:** b) LAN

Mock test 3

**1. Which of the following is an example of system software?**

a) Microsoft Word  
b) Windows OS  
c) Adobe Photoshop  
d) Google Chrome  
**Answer:** b) Windows OS

**2. Which of the following is the correct full form of ‘CPU’?**

a) Central Processing Unit  
b) Central Program Unit  
c) Central Processor Unit  
d) Computer Processing Unit  
**Answer:** a) Central Processing Unit

**3. What does 'HTTP' stand for in web development?**

a) Hyper Text Transfer Protocol  
b) Hyperlink Transfer Text Protocol  
c) Hyper Text Test Protocol  
d) Hyperlink Text Transmission Protocol  
**Answer:** a) Hyper Text Transfer Protocol

**4. Which of the following is used to write programming code?**

a) Web browser  
b) Word processor  
c) Text editor  
d) Media player  
**Answer:** c) Text editor

**5. Which of these is an output device?**

a) Keyboard  
b) Printer  
c) Mouse  
d) Scanner  
**Answer:** b) Printer

**6. What is the function of an operating system?**

a) Manages hardware resources  
b) Runs software applications  
c) Provides an interface between the user and hardware  
d) All of the above  
**Answer:** d) All of the above

**7. Which of the following is a type of primary memory?**

a) Hard Disk  
b) RAM  
c) CD-ROM  
d) USB drive  
**Answer:** b) RAM

**8. Which of the following is NOT a database management system (DBMS)?**

a) MySQL  
b) Microsoft Excel  
c) Oracle  
d) PostgreSQL  
**Answer:** b) Microsoft Excel

**9. What does 'URL' stand for?**

a) Uniform Resource Locator  
b) Universal Resource Locator  
c) Uniform Retrieval Locator  
d) Universal Retrieval Locator  
**Answer:** a) Uniform Resource Locator

**10. Which of the following is the smallest unit of data in a computer?**

a) Byte  
b) Bit  
c) Kilobyte  
d) Megabyte  
**Answer:** b) Bit

**11. Which software is primarily used for word processing?**

a) Excel  
b) Photoshop  
c) Microsoft Word  
d) PowerPoint  
**Answer:** c) Microsoft Word

**12. Which of the following is a feature of a spreadsheet?**

a) Data Entry  
b) Formula Calculation  
c) Graphical Representation  
d) All of the above  
**Answer:** d) All of the above

**13. Which of the following is an example of an input device?**

a) Monitor  
b) Mouse  
c) Speaker  
d) Printer  
**Answer:** b) Mouse

**14. Which of the following is a network device?**

a) Printer  
b) Switch  
c) Monitor  
d) Mouse  
**Answer:** b) Switch

**15. What is the main function of a router in networking?**

a) To connect multiple networks  
b) To amplify the signal  
c) To store data  
d) To encrypt messages  
**Answer:** a) To connect multiple networks

**16. Which of the following is the main memory of a computer?**

a) RAM  
b) Hard Disk  
c) Flash Drive  
d) ROM  
**Answer:** a) RAM

**17. Which of the following is an example of a web browser?**

a) Firefox  
b) Windows  
c) Microsoft Word  
d) Excel  
**Answer:** a) Firefox

**18. Which of the following is used to store data permanently in a computer?**

a) RAM  
b) Cache Memory  
c) Hard Disk  
d) CPU  
**Answer:** c) Hard Disk

**19. Which programming language is mainly used for web development?**

a) Python  
b) Java  
c) HTML  
d) C++  
**Answer:** c) HTML

**20. What is the full form of 'BIOS'?**

a) Basic Integrated Operating System  
b) Binary Input Operating System  
c) Basic Input Output System  
d) Binary Input Output System  
**Answer:** c) Basic Input Output System

**21. Which of the following is a correct extension for a Word document?**

a) .doc  
b) .jpg  
c) .html  
d) .mp3  
**Answer:** a) .doc

**22. Which of the following is a language used for querying databases?**

a) HTML  
b) SQL  
c) CSS  
d) Java  
**Answer:** b) SQL

**23. What is the primary purpose of an antivirus software?**

a) To protect against spyware  
b) To detect and remove malicious software  
c) To optimize system performance  
d) To provide a firewall  
**Answer:** b) To detect and remove malicious software

**24. Which of the following file formats is used for vector graphics?**

a) .jpg  
b) .png  
c) .svg  
d) .mp3  
**Answer:** c) .svg

**25. What does the acronym 'Wi-Fi' stand for?**

a) Wireless Fidelity  
b) Wireless Functionality  
c) Wireless Frequency  
d) None of the above  
**Answer:** a) Wireless Fidelity

mock test 4

**1. Which of the following is NOT an operating system?**

a) Windows  
b) Linux  
c) Photoshop  
d) macOS

**Answer:** c) Photoshop

**2. Which type of memory is non-volatile and can be electrically erased and reprogrammed?**

a) RAM  
b) ROM  
c) EEPROM  
d) Cache memory

**Answer:** c) EEPROM

**3. The main function of the ALU (Arithmetic Logic Unit) is:**

a) Perform calculations and logical operations  
b) Store data  
c) Manage input/output operations  
d) Control the execution of instructions

**Answer:** a) Perform calculations and logical operations

**4. The Internet is based on which kind of network topology?**

a) Star  
b) Bus  
c) Mesh  
d) Hybrid

**Answer:** b) Bus

**5. What does the abbreviation "URL" stand for?**

a) Universal Resource Locator  
b) Uniform Resource Locator  
c) Universal Readable Locator  
d) Uniform Readable Locator

**Answer:** b) Uniform Resource Locator

**6. Which of the following is the correct order of the layers of the OSI model from top to bottom?**

a) Application, Session, Transport, Network, Data Link, Physical  
b) Application, Transport, Network, Data Link, Physical, Session  
c) Application, Transport, Session, Network, Data Link, Physical  
d) Physical, Data Link, Network, Transport, Session, Application

**Answer:** a) Application, Session, Transport, Network, Data Link, Physical

**7. In HTML, which tag is used to display the largest text?**

a) <h6>  
b) <h1>  
c) <heading>  
d) <font>

**Answer:** b) <h1>

**8. Which of the following is NOT an example of an input device?**

a) Keyboard  
b) Mouse  
c) Monitor  
d) Scanner

**Answer:** c) Monitor

**9. The process of converting data into a form that is unreadable without a key is called:**

a) Decryption  
b) Encryption  
c) Compression  
d) Hashing

**Answer:** b) Encryption

**10. Which of the following is an example of a spreadsheet software?**

a) Microsoft Word  
b) Microsoft Excel  
c) Adobe Photoshop  
d) Mozilla Firefox

**Answer:** b) Microsoft Excel

**11. What does the abbreviation "HTTP" stand for?**

a) Hyper Text Transmission Protocol  
b) Hyper Transfer Text Protocol  
c) HyperText Transfer Protocol  
d) HyperText Transmission Program

**Answer:** c) HyperText Transfer Protocol

**12. The abbreviation "BIOS" stands for:**

a) Basic Input Output System  
b) Binary Input Output System  
c) Base Internal Operating System  
d) Basic Integrated Operating System

**Answer:** a) Basic Input Output System

**13. Which of the following is a valid IP address format?**

a) 256.100.200.300  
b) 192.168.1.1  
c) 500.300.200.100  
d) 123.45.678.90

**Answer:** b) 192.168.1.1

**14. Which of the following is NOT a characteristic of cloud computing?**

a) On-demand self-service  
b) Broad network access  
c) Resource pooling  
d) Fixed infrastructure

**Answer:** d) Fixed infrastructure

**15. What does the term "RAM" stand for?**

a) Random Access Memory  
b) Read-Only Access Memory  
c) Random Array Memory  
d) Read Access Memory

**Answer:** a) Random Access Memory

**16. Which type of software is used to browse the internet?**

a) Spreadsheet  
b) Web browser  
c) Text editor  
d) Database management system

**Answer:** b) Web browser

**17. Which of the following is NOT a database management system (DBMS)?**

a) MySQL  
b) Oracle  
c) Microsoft Word  
d) PostgreSQL

**Answer:** c) Microsoft Word

**18. A collection of data that is organized in a structured way is called a:**

a) File  
b) Database  
c) Folder  
d) Spreadsheet

**Answer:** b) Database

**19. What does "FTP" stand for in networking?**

a) File Transfer Protocol  
b) Fast Transfer Protocol  
c) File Text Protocol  
d) Fast Text Protocol

**Answer:** a) File Transfer Protocol

**20. Which of the following is the default file extension for a Word document?**

a) .xls  
b) .txt  
c) .doc  
d) .exe

**Answer:** c) .doc

**21. In a computer network, what does LAN stand for?**

a) Local Area Network  
b) Large Area Network  
c) Low Area Network  
d) Local Access Network

**Answer:** a) Local Area Network

**22. The binary number system is based on which two digits?**

a) 0 and 2  
b) 1 and 2  
c) 0 and 1  
d) 1 and 9

**Answer:** c) 0 and 1

**23. The process of converting data into a format that is readable by humans is called:**

a) Encoding  
b) Decoding  
c) Compression  
d) Encryption

**Answer:** b) Decoding

**24. Which of the following is NOT a type of software license?**

a) Freeware  
b) Shareware  
c) Open-source  
d) Hardwareware

**Answer:** d) Hardwareware

**25. Which of the following is the purpose of the "Ctrl + C" shortcut?**

a) Paste  
b) Cut  
c) Copy  
d) Undo

**Answer:** c) Copy

Mock test 5

**1. Which of the following is an example of an input device?**

* A) Printer
* B) Monitor
* C) Keyboard
* D) Speaker  
  **Answer**: C) Keyboard

**2. What is the full form of HTTP?**

* A) HyperText Transfer Protocol
* B) HyperText Transmission Protocol
* C) HyperText Transfer Packet
* D) HyperText Transmission Packet  
  **Answer**: A) HyperText Transfer Protocol

**3. Which of the following is NOT a type of software?**

* A) System Software
* B) Application Software
* C) Utility Software
* D) Server Software  
  **Answer**: D) Server Software

**4. Which of these is used to store data permanently?**

* A) RAM
* B) Cache Memory
* C) Hard Drive
* D) Registers  
  **Answer**: C) Hard Drive

**5. The term “URL” stands for:**

* A) Uniform Resource Locator
* B) Universal Resource Locator
* C) Universal Resource Link
* D) Uniform Resource Link  
  **Answer**: A) Uniform Resource Locator

**6. What does the acronym “BIOS” stand for?**

* A) Basic Integrated Operating System
* B) Basic Input Output System
* C) Basic Integrated Online System
* D) Basic Internet Online System  
  **Answer**: B) Basic Input Output System

**7. The abbreviation ‘PDF’ stands for:**

* A) Portable Document Format
* B) Page Document File
* C) Program Data Format
* D) Personal Document File  
  **Answer**: A) Portable Document Format

**8. What does the acronym “OS” stand for in computing?**

* A) Open System
* B) Operating System
* C) Online System
* D) Organized System  
  **Answer**: B) Operating System

**9. Which of the following is a non-volatile memory?**

* A) RAM
* B) Cache
* C) ROM
* D) Registers  
  **Answer**: C) ROM

**10. Which language is primarily used for web development?**

* A) C++
* B) Python
* C) HTML
* D) Java  
  **Answer**: C) HTML

**11. Which of the following devices is used to connect multiple devices on a network?**

* A) Hub
* B) Keyboard
* C) Printer
* D) Monitor  
  **Answer**: A) Hub

**12. What is the purpose of an antivirus software?**

* A) Speed up the computer
* B) Protect the computer from malware
* C) Clean the computer's registry
* D) Optimize the hard drive  
  **Answer**: B) Protect the computer from malware

**13. Which of the following is a function of the CPU?**

* A) Perform calculations
* B) Store data
* C) Manage hardware resources
* D) All of the above  
  **Answer**: D) All of the above

**14. What does the term "cloud computing" refer to?**

* A) Storing data on a local hard drive
* B) Storing and accessing data over the internet
* C) Using only mobile devices for computing
* D) Running software on a physical server  
  **Answer**: B) Storing and accessing data over the internet

**15. Which of the following is an example of a database management system?**

* A) Windows 10
* B) Microsoft Access
* C) Adobe Photoshop
* D) Firefox  
  **Answer**: B) Microsoft Access

**16. In a computer network, what is the primary role of a router?**

* A) Manage files
* B) Connect networks and route data
* C) Provide security to the network
* D) Store data  
  **Answer**: B) Connect networks and route data

**17. Which of the following is used to measure the speed of a computer’s processor?**

* A) Kilobytes
* B) Megahertz (MHz)
* C) Bits
* D) Bytes  
  **Answer**: B) Megahertz (MHz)

**18. The function of the ALU in the CPU is to:**

* A) Control the execution of instructions
* B) Store data
* C) Perform arithmetic and logical operations
* D) Manage input/output operations  
  **Answer**: C) Perform arithmetic and logical operations

**19. Which of the following is the full form of “SMTP”?**

* A) Simple Mail Transfer Protocol
* B) Simple Mail Text Protocol
* C) Secure Mail Transfer Protocol
* D) Secure Message Transfer Protocol  
  **Answer**: A) Simple Mail Transfer Protocol

**20. What is the main purpose of the “Ctrl + C” keyboard shortcut?**

* A) Copy the selected item
* B) Paste the selected item
* C) Cut the selected item
* D) Save the document  
  **Answer**: A) Copy the selected item

**21. Which of the following is NOT an input device?**

* A) Mouse
* B) Keyboard
* C) Microphone
* D) Printer  
  **Answer**: D) Printer

**22. Which of the following is an operating system?**

* A) Microsoft Word
* B) Windows 10
* C) Google Chrome
* D) Mozilla Firefox  
  **Answer**: B) Windows 10

**23. Which of the following is a widely used programming language for mobile app development?**

* A) Java
* B) C#
* C) Python
* D) Swift  
  **Answer**: A) Java

**24. Which of the following is the fastest form of memory?**

* A) Hard Drive
* B) RAM
* C) Cache Memory
* D) ROM  
  **Answer**: C) Cache Memory

**25. The term "Wi-Fi" stands for:**

* A) Wireless Fidelity
* B) Wide Fidelity
* C) Wireless Functionality
* D) Wireless Internet Frequency  
  **Answer**: A) Wireless Fidelity

Mock test 6

**1. What does "HTTP" stand for?**

* A) HyperText Transfer Protocol
* B) HyperText Translation Protocol
* C) Hyper Transfer Text Protocol
* D) HighText Transfer Protocol

**Answer:** A) HyperText Transfer Protocol

**2. Which of the following is a type of primary memory?**

* A) Hard disk
* B) ROM
* C) Flash drive
* D) DVD

**Answer:** B) ROM

**3. Which of the following is the main function of the ALU (Arithmetic Logic Unit)?**

* A) Store data
* B) Perform arithmetic and logical operations
* C) Fetch instructions
* D) Manage input/output devices

**Answer:** B) Perform arithmetic and logical operations

**4. Which of the following is an example of an operating system?**

* A) Google Chrome
* B) Windows 10
* C) Adobe Photoshop
* D) Microsoft Word

**Answer:** B) Windows 10

**5. What does the acronym "USB" stand for?**

* A) Universal Storage Bus
* B) Universal System Bus
* C) Universal Serial Bus
* D) Uniform Storage Bus

**Answer:** C) Universal Serial Bus

**6. Which device is used to convert a digital signal to an analog signal?**

* A) Modem
* B) Router
* C) Switch
* D) Hub

**Answer:** A) Modem

**7. What is the full form of "URL"?**

* A) Uniform Resource Locator
* B) Uniform Registered Locator
* C) Universal Resource Locator
* D) Uniform Readable Locator

**Answer:** A) Uniform Resource Locator

**8. Which of the following is an example of system software?**

* A) Google Chrome
* B) MS Word
* C) Linux
* D) Photoshop

**Answer:** C) Linux

**9. Which of the following is used for writing web pages?**

* A) Java
* B) HTML
* C) C++
* D) Python

**Answer:** B) HTML

**10. What is the main purpose of an Operating System (OS)?**

* A) To execute user commands
* B) To manage hardware and software resources
* C) To compile programs
* D) To generate output

**Answer:** B) To manage hardware and software resources

**11. Which of the following is an example of a wireless communication technology?**

* A) Bluetooth
* B) Ethernet
* C) USB
* D) VGA

**Answer:** A) Bluetooth

**12. What does "RAM" stand for?**

* A) Read Access Memory
* B) Random Access Memory
* C) Read-Only Memory
* D) Random Assignment Memory

**Answer:** B) Random Access Memory

**13. Which of the following is NOT a type of software?**

* A) Application Software
* B) System Software
* C) Hardware
* D) Utility Software

**Answer:** C) Hardware

**14. What is the name of the first computer virus discovered?**

* A) ILOVEYOU
* B) Brain
* C) Trojan Horse
* D) Conficker

**Answer:** B) Brain

**15. Which of the following file extensions is associated with an image file?**

* A) .exe
* B) .txt
* C) .jpg
* D) .zip

**Answer:** C) .jpg

**16. What is the purpose of a firewall in a computer network?**

* A) To speed up network traffic
* B) To protect the network from unauthorized access
* C) To prevent hardware failures
* D) To manage network connections

**Answer:** B) To protect the network from unauthorized access

**17. Which of the following is NOT a type of database?**

* A) MySQL
* B) Oracle
* C) Excel
* D) PostgreSQL

**Answer:** C) Excel

**18. What is the full form of "Wi-Fi"?**

* A) Wireless Fidelity
* B) Wide Frequency
* C) Wireless Functionality
* D) Wireless Fidelity Integration

**Answer:** A) Wireless Fidelity

**19. Which of the following is an example of a spreadsheet application?**

* A) Microsoft Word
* B) Adobe Photoshop
* C) Microsoft Excel
* D) Mozilla Firefox

**Answer:** C) Microsoft Excel

**20. Which of the following is a search engine?**

* A) YouTube
* B) Facebook
* C) Google
* D) Twitter

**Answer:** C) Google

**21. What does "IP" in "IP Address" stand for?**

* A) Internet Protocol
* B) International Protocol
* C) Information Protocol
* D) Internal Protocol

**Answer:** A) Internet Protocol

**22. What is the primary purpose of the "BIOS" in a computer?**

* A) To perform basic input and output operations
* B) To store the operating system
* C) To manage computer programs
* D) To provide network connectivity

**Answer:** A) To perform basic input and output operations

**23. What does "GUI" stand for?**

* A) General User Interface
* B) Graphical User Interface
* C) General Unified Interface
* D) Graphical Unified Interface

**Answer:** B) Graphical User Interface

**24. Which of the following is the main function of an operating system?**

* A) Manage system hardware
* B) Create applications
* C) Connect to the internet
* D) Provide a platform for hardware vendors

**Answer:** A) Manage system hardware

**25. Which of the following is NOT a type of web browser?**

* A) Google Chrome
* B) Firefox
* C) Safari
* D) MySQL

**Answer:** D) MySQL

Mock test 7

**. Which of the following is a hardware device?**

A) Word Processor  
B) Operating System  
C) Printer  
D) Spreadsheet

**Answer: C) Printer**

**2. What is the full form of CPU?**

A) Central Processing Unit  
B) Central Program Unit  
C) Central Process Unit  
D) Central Programming Unit

**Answer: A) Central Processing Unit**

**3. Which of the following is a type of software?**

A) Monitor  
B) Printer  
C) Microsoft Word  
D) Keyboard

**Answer: C) Microsoft Word**

**4. What is the primary function of an operating system?**

A) To manage hardware resources  
B) To perform calculations  
C) To run applications  
D) To manage files and directories

**Answer: A) To manage hardware resources**

**5. Which of the following is not an input device?**

A) Keyboard  
B) Mouse  
C) Printer  
D) Scanner

**Answer: C) Printer**

**6. Which of these is an example of an open-source operating system?**

A) Windows  
B) Linux  
C) macOS  
D) Android

**Answer: B) Linux**

**7. Which of the following is used to store permanent data?**

A) RAM  
B) Hard Disk  
C) CPU  
D) Cache Memory

**Answer: B) Hard Disk**

**8. Which is the correct extension for a text file?**

A) .doc  
B) .txt  
C) .exe  
D) .jpg

**Answer: B) .txt**

**9. Which of the following is used for formatting text in word processing software?**

A) Font  
B) Alignment  
C) Bold, Italics  
D) All of the above

**Answer: D) All of the above**

**10. Which of the following is an example of an operating system?**

A) Word  
B) Excel  
C) Windows  
D) PowerPoint

**Answer: C) Windows**

**11. What is the main function of RAM in a computer?**

A) To store data permanently  
B) To process data  
C) To store data temporarily  
D) To control the computer's operations

**Answer: C) To store data temporarily**

**12. Which of these is not a type of storage device?**

A) Hard Drive  
B) Flash Drive  
C) Printer  
D) DVD

**Answer: C) Printer**

**13. In a computer network, what does 'LAN' stand for?**

A) Large Area Network  
B) Local Area Network  
C) Low Area Network  
D) Long Area Network

**Answer: B) Local Area Network**

**14. What does the 'www' in a web address stand for?**

A) World Wide Web  
B) World Web Website  
C) Web World Wide  
D) World Wide Wireless

**Answer: A) World Wide Web**

**15. Which of the following is used to send and receive emails?**

A) Email client  
B) Browser  
C) Web server  
D) Operating system

**Answer: A) Email client**

**16. What is the function of a firewall?**

A) To prevent unauthorized access to or from a private network  
B) To increase the speed of the network  
C) To create a virtual private network  
D) To monitor traffic in the network

**Answer: A) To prevent unauthorized access to or from a private network**

**17. What is the full form of 'URL'?**

A) Uniform Resource Locator  
B) Uniform Research Locator  
C) Uniform Registration Locator  
D) Universal Resource Locator

**Answer: A) Uniform Resource Locator**

**18. Which software is commonly used for word processing?**

A) Excel  
B) PowerPoint  
C) Word  
D) Photoshop

**Answer: C) Word**

**19. Which of the following is a spreadsheet software?**

A) Word  
B) Excel  
C) PowerPoint  
D) Notepad

**Answer: B) Excel**

**20. What does 'HTTP' stand for in a web address?**

A) HyperText Transfer Protocol  
B) HyperType Transfer Protocol  
C) HyperText Transport Protocol  
D) Hyperlink Transport Protocol

**Answer: A) HyperText Transfer Protocol**

**21. Which of the following is the basic unit of storage in a computer?**

A) Byte  
B) Bit  
C) Megabyte  
D) Kilobyte

**Answer: B) Bit**

**22. Which of these is a type of optical storage device?**

A) Hard Disk  
B) CD-ROM  
C) Flash Drive  
D) RAM

**Answer: B) CD-ROM**

**23. Which of these is the primary function of a database management system?**

A) To create spreadsheets  
B) To store and retrieve data  
C) To play audio files  
D) To format text

**Answer: B) To store and retrieve data**

**24. What is the main purpose of an antivirus program?**

A) To speed up the computer  
B) To protect against malware and viruses  
C) To organize files  
D) To manage emails

**Answer: B) To protect against malware and viruses**

**25. Which of the following is a common file extension for a PowerPoint presentation?**

A) .exe  
B) .ppt  
C) .doc  
D) .xls

**Answer: B) .ppt**

Mock test 8

**1. Which of the following is an example of system software?**

A) MS Word  
B) Windows  
C) Photoshop  
D) VLC Media Player

**Answer:** B) Windows

**2. What does GUI stand for?**

A) Graphical User Interface  
B) General User Interface  
C) Graphic Utility Interface  
D) General Utility Interface

**Answer:** A) Graphical User Interface

**3. The main purpose of an operating system is:**

A) To manage hardware resources  
B) To provide networking services  
C) To design applications  
D) To perform calculations

**Answer:** A) To manage hardware resources

**4. Which of the following is an input device?**

A) Monitor  
B) Keyboard  
C) Printer  
D) Speaker

**Answer:** B) Keyboard

**5. Which of the following storage devices is non-volatile?**

A) RAM  
B) ROM  
C) Cache  
D) CPU

**Answer:** B) ROM

**6. What is the function of the ALU in a computer?**

A) Perform arithmetic and logical operations  
B) Manage memory  
C) Control input/output devices  
D) Store data

**Answer:** A) Perform arithmetic and logical operations

**7. Which of the following is an example of a primary storage device?**

A) Hard Disk  
B) CD-ROM  
C) RAM  
D) USB Drive

**Answer:** C) RAM

**8. Which one of these is an example of an antivirus software?**

A) MS Excel  
B) McAfee  
C) Windows Media Player  
D) Google Chrome

**Answer:** B) McAfee

**9. In Microsoft Word, what is the default file extension for a document?**

A) .doc  
B) .pdf  
C) .docx  
D) .txt

**Answer:** C) .docx

**10. Which of the following is an example of a web browser?**

A) Google Chrome  
B) Microsoft Word  
C) PowerPoint  
D) Notepad

**Answer:** A) Google Chrome

**11. Which of these is NOT a type of software?**

A) Application Software  
B) System Software  
C) Hardware  
D) Utility Software

**Answer:** C) Hardware

**12. What is the full form of HTTP?**

A) Hyper Text Transfer Protocol  
B) Hyper Transfer Text Protocol  
C) Hyper Total Transfer Protocol  
D) Hyper Technical Transfer Protocol

**Answer:** A) Hyper Text Transfer Protocol

**13. What does the term "bit" stand for?**

A) Binary Information Text  
B) Binary Integrated Technology  
C) Binary Digit  
D) Binary Data

**Answer:** C) Binary Digit

**14. What is the main function of an antivirus software?**

A) Protect the system from malware and viruses  
B) Speed up the computer  
C) Organize files and folders  
D) Manage network connections

**Answer:** A) Protect the system from malware and viruses

**15. Which of the following is NOT a type of memory?**

A) ROM  
B) RAM  
C) CPU  
D) Cache

**Answer:** C) CPU

**16. Which of the following file extensions is used for Excel worksheets?**

A) .xls  
B) .docx  
C) .pptx  
D) .jpg

**Answer:** A) .xls

**17. What is the purpose of an IP address?**

A) To provide an identification number for the system on the network  
B) To identify the browser  
C) To check for viruses  
D) To secure the system

**Answer:** A) To provide an identification number for the system on the network

**18. Which one of the following is a type of database?**

A) MS Word  
B) Oracle  
C) Windows 10  
D) Notepad

**Answer:** B) Oracle

**19. What does the acronym 'RAM' stand for?**

A) Read Access Memory  
B) Random Access Memory  
C) Rapid Access Memory  
D) Readable Access Memory

**Answer:** B) Random Access Memory

**20. Which of the following is a type of software that is used for creating presentations?**

A) MS Word  
B) MS PowerPoint  
C) MS Excel  
D) MS Access

**Answer:** B) MS PowerPoint

**21. Which of the following is the fastest type of memory?**

A) Hard Disk  
B) RAM  
C) Cache  
D) CD-ROM

**Answer:** C) Cache

**22. Which of the following is an example of a website domain extension?**

A) .exe  
B) .mp3  
C) .com  
D) .docx

**Answer:** C) .com

**23. What is the function of a firewall?**

A) Prevent unauthorized access to or from a private network  
B) Manage database queries  
C) Display website contents  
D) Store web data

**Answer:** A) Prevent unauthorized access to or from a private network

**24. In HTML, which tag is used to display the largest heading?**

A) <head>  
B) <h1>  
C) <title>  
D) <header>

**Answer:** B) <h1>

**25. In computer terminology, what does URL stand for?**

A) Uniform Resource Locator  
B) Universal Resource Locator  
C) Uniform Resource Link  
D) Universal Resource Link

**Answer:** A) Uniform Resource Locator

Mock test 9

**1. Which of the following is the correct order of the stages in the system development life cycle (SDLC)?**

a) Design → Planning → Implementation → Testing  
b) Planning → Design → Implementation → Testing  
c) Planning → Testing → Design → Implementation  
d) Design → Testing → Planning → Implementation

**Answer: b) Planning → Design → Implementation → Testing**

**2. Which of the following is NOT a type of computer memory?**

a) RAM  
b) ROM  
c) CPU  
d) Cache

**Answer: c) CPU**

**3. In HTML, which of the following tags is used to create a hyperlink?**

a) <link>  
b) <a>  
c) <img>  
d) <button>

**Answer: b) <a>**

**4. What is the main purpose of an operating system?**

a) To provide a user interface and manage hardware resources  
b) To increase the processing power of the computer  
c) To provide software tools for programming  
d) To store files permanently

**Answer: a) To provide a user interface and manage hardware resources**

**5. Which of the following is an example of an input device?**

a) Monitor  
b) Printer  
c) Keyboard  
d) Speaker

**Answer: c) Keyboard**

**6. Which of the following is an example of a storage device?**

a) RAM  
b) Hard Disk  
c) CPU  
d) Monitor

**Answer: b) Hard Disk**

**7. Which of the following file extensions is used for an executable file?**

a) .txt  
b) .exe  
c) .doc  
d) .jpg

**Answer: b) .exe**

**8. In Excel, which function is used to sum a range of cells?**

a) AVERAGE  
b) COUNT  
c) SUM  
d) PRODUCT

**Answer: c) SUM**

**9. Which of the following is an example of system software?**

a) Microsoft Word  
b) Google Chrome  
c) Windows OS  
d) Adobe Photoshop

**Answer: c) Windows OS**

**10. Which of the following is NOT a feature of object-oriented programming (OOP)?**

a) Encapsulation  
b) Inheritance  
c) Polymorphism  
d) Compilation

**Answer: d) Compilation**

**11. Which of the following is an open-source operating system?**

a) Windows 10  
b) Linux  
c) macOS  
d) Android

**Answer: b) Linux**

**12. What does the acronym URL stand for?**

a) Uniform Resource Locator  
b) Universal Resource Locator  
c) Universal Resource Link  
d) Uniform Resource Link

**Answer: a) Uniform Resource Locator**

**13. Which type of software is Microsoft Word?**

a) System software  
b) Utility software  
c) Application software  
d) Firmware

**Answer: c) Application software**

**14. What does the acronym 'HTTP' stand for in a website address?**

a) HyperText Transport Protocol  
b) HyperText Transfer Protocol  
c) HyperText Transmission Protocol  
d) Hyper Transfer Text Protocol

**Answer: b) HyperText Transfer Protocol**

**15. Which of the following is used for debugging Java programs?**

a) Java Runtime Environment (JRE)  
b) Java Development Kit (JDK)  
c) Java Database Connectivity (JDBC)  
d) Java Virtual Machine (JVM)

**Answer: b) Java Development Kit (JDK)**

**16. What is the full form of the acronym 'BIOS'?**

a) Basic Integrated Operating System  
b) Basic Input Output System  
c) Binary Input Output System  
d) Binary Integrated Operating System

**Answer: b) Basic Input Output System**

**17. Which of the following programming languages is considered a low-level language?**

a) Python  
b) C++  
c) Assembly Language  
d) Java

**Answer: c) Assembly Language**

**18. Which of the following is the correct way to insert a comment in Java?**

a) /\* This is a comment \*/  
b) # This is a comment  
c) // This is a comment  
d) <!-- This is a comment -->

**Answer: c) // This is a comment**

**19. Which of the following is NOT a primary function of a database management system (DBMS)?**

a) Data storage  
b) Data manipulation  
c) Data transmission  
d) Data retrieval

**Answer: c) Data transmission**

**20. Which of the following is the largest storage unit?**

a) Kilobyte  
b) Megabyte  
c) Gigabyte  
d) Terabyte

**Answer: d) Terabyte**

**21. Which of the following is used to prevent unauthorized access to a computer network?**

a) Router  
b) Firewall  
c) Modem  
d) Switch

**Answer: b) Firewall**

**22. What is the main function of the 'ALU' (Arithmetic Logic Unit) in a computer?**

a) Perform arithmetic operations  
b) Store data  
c) Control input and output devices  
d) Manage memory

**Answer: a) Perform arithmetic operations**

**23. Which of the following is an example of a non-volatile memory?**

a) RAM  
b) ROM  
c) Cache  
d) Register

**Answer: b) ROM**

**24. What is the primary purpose of an antivirus software?**

a) To increase the speed of the computer  
b) To protect the computer from viruses and malware  
c) To recover deleted files  
d) To manage user accounts

**Answer: b) To protect the computer from viruses and malware**

**25. Which of the following is NOT an example of a web browser?**

a) Google Chrome  
b) Mozilla Firefox  
c) Microsoft Word  
d) Safari

**Answer: c) Microsoft Word**

Mock test 10

**1. Which of the following is NOT an input device?**  
a) Keyboard  
b) Mouse  
c) Monitor  
d) Scanner  
**Answer:** c) Monitor

**2. What does the acronym 'HTTP' stand for?**  
a) HyperText Transfer Protocol  
b) HyperType Transfer Protocol  
c) HyperText Transaction Protocol  
d) High Transfer Text Protocol  
**Answer:** a) HyperText Transfer Protocol

**3. Which of the following is used to store data permanently in a computer?**  
a) RAM  
b) Cache Memory  
c) Hard Disk  
d) CPU  
**Answer:** c) Hard Disk

**4. In Excel, which of the following functions is used to find the average of a range of numbers?**  
a) SUM  
b) AVERAGE  
c) COUNT  
d) MAX  
**Answer:** b) AVERAGE

**5. Which of the following is an example of an operating system?**  
a) Microsoft Word  
b) Linux  
c) Adobe Photoshop  
d) Oracle  
**Answer:** b) Linux

**6. The main function of the CPU is to:** a) Store data  
b) Perform calculations  
c) Provide power  
d) Display information  
**Answer:** b) Perform calculations

**7. Which programming language is known as the "mother of all languages"?**  
a) C  
b) Java  
c) Assembly  
d) Fortran  
**Answer:** a) C

**8. What is the full form of 'URL'?**  
a) Uniform Resource Locator  
b) Uniform Relative Locator  
c) Uniform Random Locator  
d) Universal Resource Locator  
**Answer:** a) Uniform Resource Locator

**9. Which device is used to protect the computer from power surges?**  
a) UPS  
b) Surge Protector  
c) Modem  
d) Router  
**Answer:** b) Surge Protector

**10. Which of the following is not a valid HTML tag?**  
a) <p>  
b) <div>  
c) <text>  
d) <h1>  
**Answer:** c) <text>

**11. What is the primary function of an operating system?**  
a) To execute programs  
b) To manage hardware and software resources  
c) To provide internet connectivity  
d) To store files  
**Answer:** b) To manage hardware and software resources

**12. In Excel, what function would you use to count the number of cells with numbers in them?**  
a) COUNTA  
b) COUNT  
c) COUNTIF  
d) SUM  
**Answer:** b) COUNT

**13. Which of the following is a type of software that protects against viruses?**  
a) Firewall  
b) Antivirus  
c) Web Browser  
d) Operating System  
**Answer:** b) Antivirus

**14. What does the 'CTRL + C' shortcut do in most applications?**  
a) Paste  
b) Copy  
c) Cut  
d) Undo  
**Answer:** b) Copy

**15. Which of the following is NOT a cloud storage provider?**  
a) Google Drive  
b) Dropbox  
c) Microsoft OneDrive  
d) MySQL  
**Answer:** d) MySQL

**16. Which of the following is NOT an example of a primary memory?**  
a) RAM  
b) ROM  
c) Cache Memory  
d) Hard Drive  
**Answer:** d) Hard Drive

**17. In a computer network, what does LAN stand for?**  
a) Local Area Network  
b) Long Area Network  
c) Local Access Network  
d) Large Area Network  
**Answer:** a) Local Area Network

**18. What is the default file extension for Word documents in Microsoft Word 2016?**  
a) .txt  
b) .docx  
c) .rtf  
d) .pdf  
**Answer:** b) .docx

**19. Which of the following is an example of a spreadsheet application?**  
a) Microsoft Word  
b) Microsoft Excel  
c) Microsoft PowerPoint  
d) Adobe Photoshop  
**Answer:** b) Microsoft Excel

**20. What is the purpose of a firewall in a computer network?**  
a) To store data  
b) To protect the network from unauthorized access  
c) To process data  
d) To increase internet speed  
**Answer:** b) To protect the network from unauthorized access

**21. Which of the following is an example of a relational database management system (RDBMS)?**  
a) Oracle  
b) MS Word  
c) Adobe Acrobat  
d) Photoshop  
**Answer:** a) Oracle

**22. What does the 'Ctrl + V' shortcut do in most applications?**  
a) Paste  
b) Copy  
c) Cut  
d) Undo  
**Answer:** a) Paste

**23. In Microsoft Word, what does the 'Ctrl + B' shortcut do?**  
a) Bold text  
b) Italicize text  
c) Underline text  
d) Change font  
**Answer:** a) Bold text

**24. In networking, what does IP stand for?**  
a) Internal Protocol  
b) Internet Protocol  
c) Internet Process  
d) Integrated Protocol  
**Answer:** b) Internet Protocol

**25. Which of the following is NOT a type of software license?**  
a) Freeware  
b) Shareware  
c) Retailware  
d) Adware  
**Answer:** c) Retailware