

EPITOME MODEL ISLAMIC SCHOOLS
COMPUTER STUDIES INTERVIEW QUESTIONS

Instruction: Attempt all questions from this section

Time Allowed for this section: 20 minutes

SECTION A: MCQ

1. **Which of the following is NOT an input device?**
 - a) Keyboard
 - b) Scanner
 - c) Monitor
 - d) Microphone
2. **The smallest unit of data in a computer is:**
 - a) Bit
 - b) Byte
 - c) Nibble
 - d) Word
3. **ROM is used for:**
 - a) Temporary storage of data
 - b) Permanent storage of system instructions
 - c) Storing user documents
 - d) Storing cache data
4. **Which of the following is a volatile memory?**
 - a) Hard disk
 - b) ROM
 - c) RAM
 - d) SSD
5. **The speed of a processor is measured in:**
 - a) Bytes per second
 - b) Hertz
 - c) Bits per inch
 - d) MIPS
6. **Which device converts digital signals to analog for transmission over phone lines?**
 - a) Router
 - b) Modem
 - c) Switch
 - d) Hub
7. **Cache memory is used to:**
 - a) Store data permanently
 - b) Reduce CPU processing speed
 - c) Increase data transfer rate between CPU and main memory
 - d) Backup data
8. **Which of the following storage devices has no moving parts?**
 - a) Hard disk drive
 - b) Floppy disk
 - c) Solid-state drive
 - d) CD-ROM

9. **BIOS stands for:**
- a) Basic Input Output System
 - b) Binary Integrated Operating Setup
 - c) Basic Internal Output Software
 - d) Built-in Operating Sequence
10. **Which of the following is NOT an example of system software?**
- a) Device drivers
 - b) Operating system
 - c) Utility software
 - d) Spreadsheet application
11. **High-level programming languages are:**
- a) Machine-dependent
 - b) Machine-independent
 - c) Written in binary code
 - d) Used only for system software
12. **Which of these is NOT an object-oriented programming concept?**
- a) Inheritance
 - b) Encapsulation
 - c) Compilation
 - d) Polymorphism
13. **Compiler translates:**
- a) High-level language into machine code
 - b) Machine code into high-level language
 - c) Assembly language into machine code line by line
 - d) Executes code directly without translation
14. **Algorithm complexity is measured by:**
- a) Speed of the processor
 - b) Time and space efficiency
 - c) Number of programming languages used
 - d) Size of the source code
15. **A variable in programming is:**
- a) A constant value
 - b) A memory location identified by a name
 - c) An operator
 - d) A data type
16. **In binary number system, 1011 equals:**
- a) 9
 - b) 10
 - c) 11
 - d) 13
17. **Which data structure uses FIFO (First In, First Out)?**
- a) Stack
 - b) Queue
 - c) Tree
 - d) Graph

18. **Which SQL command is used to extract data from a database?**
- a) SELECT
 - b) UPDATE
 - c) INSERT
 - d) DELETE
19. **Which of the following is NOT a programming language?**
- a) Python
 - b) Java
 - c) HTML
 - d) C++
20. **Flowcharts are used to:**
- a) Compile code
 - b) Document algorithms visually
 - c) Execute programs
 - d) Debug hardware
21. **Which protocol is used to transfer web pages?**
- a) FTP
 - b) HTTP
 - c) SMTP
 - d) POP3
22. **IP address 192.168.1.1 belongs to:**
- a) Public IP range
 - b) Private IP range
 - c) Loopback address
 - d) Broadcast address
23. **Firewall in computer networking is used for:**
- a) Increasing network speed
 - b) Protecting against unauthorized access
 - c) Data backup
 - d) Controlling printer access
24. **DNS is responsible for:**
- a) Converting domain names to IP addresses
 - b) Encrypting data packets
 - c) Hosting websites
 - d) Assigning MAC addresses
25. **Which of the following is a wireless communication standard?**
- a) Ethernet
 - b) Wi-Fi (IEEE 802.11)
 - c) Coaxial
 - d) Token Ring
26. **Topology where every node is connected to a central hub is called:**
- a) Mesh
 - b) Star
 - c) Bus
 - d) Ring

27. **Phishing is an example of:**
- a) Hardware failure
 - b) Social engineering attack
 - c) Software update
 - d) Data compression
28. **Which layer of the OSI model is responsible for end-to-end delivery?**
- a) Network layer
 - b) Data link layer
 - c) Transport layer
 - d) Physical layer
29. **SMTP is used for:**
- a) Sending emails
 - b) Receiving emails
 - c) Transferring files
 - d) Streaming media
30. **VPN (Virtual Private Network) provides:**
- a) Public broadcasting
 - b) Encrypted private communication over public network
 - c) Free internet access
 - d) Faster download speed
31. **Spreadsheet software is mainly used for:**
- a) Image editing
 - b) Numeric data analysis
 - c) Word processing
 - d) Presentation design
32. **Which of these is NOT a cloud storage service?**
- a) Google Drive
 - b) Dropbox
 - c) OneDrive
 - d) BIOS
33. **Open-source software means:**
- a) Freeware with no license
 - b) Source code is publicly available for modification
 - c) Trial version with limitations
 - d) Proprietary software
34. **Which of the following is a vector graphics software?**
- a) Adobe Illustrator
 - b) Adobe Photoshop
 - c) Corel Painter
 - d) MS Paint
35. **Ergonomics in computing refers to:**
- a) Reducing electricity consumption
 - b) Designing safe and comfortable workspaces
 - c) Installing antivirus software
 - d) Using faster processors

36. **Which of the following is an example of malicious software?**
- a) Firewall
 - b) Trojan horse
 - c) Operating system
 - d) Utility program
37. **The process of copying data for recovery in case of loss is called:**
- a) Formatting
 - b) Backup
 - c) Defragmentation
 - d) Encryption
38. **ICT integration in education enhances learning mainly by:**
- a) Replacing teachers
 - b) Providing interactive and engaging content
 - c) Increasing textbook prices
 - d) Reducing collaboration
39. **Which of these is a biometric security method?**
- a) Password
 - b) PIN
 - c) Fingerprint scanning
 - d) CAPTCHA
40. **E-waste management primarily deals with:**
- a) Disposal and recycling of electronic devices
 - b) Backup of email data
 - c) Wireless internet setup
 - d) Software license renewal