(D)

EXAMINATION FOR RECRUITMENT
TO THE POST OF SA
2024

PAPER II

BASIC COMPUTER KNOWLEDGE

FULL MARKS : 100
TIME ALLOWED : 3 HOURS

Candidate tana hriat tur

1. A dik zawnah "√" thai tur.

2. Thlan tur zingah hian answer dik pakhat chiah a awm

3. Question tinin mark hnih zel a pu.

4. A kawmah hian i Roll No. chiah ziak ang che.

Signature of Invigilator _____

CODE NO.
(LAD Office dah khah tur) _____

No. of correct answers	Marks carried by one question	Marks Obtained
	2	

Chhanna endiktu signature _____

Roll No. _____

1. What is the main purpose of cache memory?
   A) To store frequently accessed data and instructions ( )
   B) To store the operating system ( )
   C) To backup data ( )
   D) To store multimedia files ( )

2. What is "IPv6"?
   A) A programming language ( )
   B) A version of the internet protocol with a larger address space ( )
   C) A type of virus ( )
   D) A software license ( )

3. In computing, what does the term "booting" refer to?
   A) Installing software ( )
   B) Connecting to the internet ( )
   C) Starting up a computer ( )
   D) Shutting down a computer ( )

4. Which port is commonly used to connect a keyboard to a computer?
   A) USB ( )
   B) VGA ( )
   C) HDMI ( )
   D) Ethernet ( )

5. What is the primary function of RAM (Random Access Memory) in a computer?
   A) To store the operating system permanently ( )
   B) To store files for long-term use ( )
   C) To provide temporary storage for currently used data and applications ( )
   D) To control the computer's hardware components ( )

6. What does "WWW" stand for?
   A) World Wide Web ( )
   B) World Wide Way ( )
   C) Web Wide World ( )
   D) Wide Web World ( )

7. Which of the following is an example of a search engine?
   A) Facebook ( )
   B) Chrome ( )
   C) Bing ( )
   D) Windows ( )

8. What does "cookies" in the context of a web browser do?
   A) Speed up the computer ( )
   B) Store user preferences and browsing history ( )
   C) Encrypt web traffic ( )
   D) Increase video quality ( )

9. Which number system is used by computers to perform calculations and processes?
   A) Decimal ( )
   B) Hexadecimal ( )
   C) Binary ( )
   D) Octal ( )

10. What is the primary purpose of a file extension in a computer system?
    A) To improve the speed of file access ( )
    B) To indicate the type of file and the software that can open it ( )
    C) To compress the file size ( )
    D) To encrypt the file for security ( )

11. What is the main difference between a bit and a byte?
    A) A bit is 8 bytes ( )
    B) A byte is 8 bits ( )
    C) A bit is 16 bytes ( )
    D) A byte is 16 bits ( )

12. What is the primary function of a computer's "power supply unit" (PSU)?
    A) To increase CPU speed ( )
    B) To provide internet access ( )
    C) To convert electrical power for computer use ( )
    D) To manage data storage ( )

13. What is "multitasking" in computing?
    A) Opening multiple windows simultaneously ( )
    B) Using a single program for multiple tasks ( )
    C) Running multiple applications at the same time ( )
    D) Creating multiple user accounts ( )

14. What does the term "formatting" refer to when preparing a storage device?
   A) Compressing files ( )
   B) Installing software ( )
   C) Removing and organizing files ( )
   D) Preparing the device for data storage by erasing all data ( )

15. What is "clipboard" used for in a computer?
   A) To save documents permanently ( )
   B) To temporarily store data for copying and pasting ( )
   C) To manage installed software ( )
   D) To display web content ( )

16. What does BIOS stand for?
   A) Basic Input Output System ( )
   B) Binary Input Output System ( )
   C) Base Input Output System ( )
   D) Basic Internal Output System ( )

17. Which protocol is used to send emails?
   A) FTP ( )
   B) HTTP ( )
   C) SMTP ( )
   D) SNMP ( )

18. What is the main circuit board of a computer called?
   A) CPU ( )
   B) Motherboard ( )
   C) Hard Drive ( )
   D) RAM ( )

19. Which of the following is NOT an example of an output device?
A) Monitor ( )
   B) Keyboard ( )
   C) Printer ( )
   D) Speaker ( )

20. Which unit is used to measure the speed of a processor?
   A) Bytes ( )
   B) Hertz ( )
   C) Bits ( )
   D) Pixels ( )

21. What is the purpose of a firewall in computer networks?
   A) Speed up the internet ( )
   B) Protect against unauthorized access ( )
   C) Improve system performance ( )
   D) Store large amounts of data ( )

22. Which of the following is the smallest unit of data in a computer?
   A) Byte ( )
   B) Bit ( )
   C) Kilobyte ( )
   D) Megabyte ( )

23. What does "URL" stand for?
   A) Uniform Resource Locator ( )
   B) Uniform Research Language ( )
   C) Unique Resource Locator ( )
   D) User Resource Link ( )

24. Which of the following keys is known as the "toggle key"?
   A) Shift ( )
   B) Ctrl ( )
   C) Caps Lock ( )
   D) Alt ( )

25. In Microsoft Word, what does the 'Ctrl + E' shortcut do?
   A) Aligns text to the left ( )
   B) Aligns text to the right ( )
   C) Center aligns the text ( )
   D) Saves the document ( )

26. In Microsoft Word, what is the use of the 'Mail Merge' feature?
   A) To format a document ( )
   B) To check grammar ( )
   C) To create a data table ( )
   D) To send bulk letters with personalized details ( )

27. In Microsoft Excel, what symbol is used to start a formula?
   A) $ ( )
   B) @ ( )
   C) = ( )
   D) # ( )

28. In Excel, what does the 'VLOOKUP' function do?
    A) Looks up a value in a vertical column ( )
    B) Counts the number of cells with numbers ( )
    C) Finds the maximum value in a range ( )
    D) Creates a pie chart ( )

29. Which shortcut key is used to start a slideshow from the beginning in PowerPoint?
    A) F5 ( )
    B) Ctrl + S ( )
    C) Alt + F4 ( )
    D) Shift + F5 ( )

30. What does 'AI' stand for in the context of modern technology?
    A) Automated Interface ( )
    B) Artificial Intelligence ( )
    C) Analog Input ( )
    D) Advanced Internet ( )

31. What is the main purpose of a blockchain?
    A) To create spreadsheets ( )
    B) To encrypt email communications ( )
    C) To store digital transactions securely in a decentralized way ( )
    D) To manage network printers ( )

32. What is the shortcut key for 'Save As' in MS Word?
    A) Ctrl + S ( )
    B) Ctrl + A ( )
    C) F12 ( )
    D) Ctrl + P ( )

33. What is the purpose of Slide Sorter view in Microsoft PowerPoint?
    A) To create a custom slideshow ( )
    B) To rearrange slides ( )
    C) To add animations ( )
    D) To insert a new slide ( )

34. Which technology is used for creating 3D models and animations?
    A) CAD (Computer-Aided Design)( )
    B) CAM (Computer-Aided Manufacturing) ( )
    C) CNC (Computer Numerical Control) ( )
    D) CAE (Computer-Aided Engineering) ( )

35. Which of the following storage devices has no moving parts?
    A) Hard Disk Drive (HDD) ( )
    B) Solid State Drive (SSD) ( )
    C) CD-ROM ( )
    D) Floppy Disk ( )

36. What is the primary purpose of a DDoS attack?
    A) Data encryption ( )
    B) Data theft ( )
    C) Overloading a system to cause disruption ( )
    D) Data compression ( )

37. What is "Phishing" in the context of cybersecurity?
    A) Sending spam emails ( )
    B) Unauthorized access to networks ( )
    C) Fraudulent attempt to obtain sensitive information ( )
    D) Downloading files illegally ( )

38. What is a "Router" used for in computer networks?
    A) Store data ( )
    B) Print documents ( )
    C) Connect multiple networks and direct traffic ( )
    D) Edit video files ( )

39. Which one of the following is NOT an example of cloud computing service?
    A) Google Drive ( )
    B) Dropbox ( )
    C) External Hard Drive ( )
    D) Microsoft Azure ( )

40. In database management, what does SQL stand for?
   A) Simple Query Language   (   )
   B) System Quality Language   (   )
   C) Structured Query Language   (   )
   D) Server Query Link   (   )

41. Which of the following is not a type of computer virus?
   A) Trojan   (   )
   B) Worm   (   )
   C) Spyware   (   )
   D) Firewall   (   )

42. What does HTTP stand for in web addresses?
A) Hyper Text Transfer Protocol   (   )
B) Hyper Text Transmission Protocol (   )
C) Hyper Transfer Text Protocol   (   )
D) Hyperlink Transfer Text Protocol (   )

43. What is the default file extension for a Word document in recent versions?
   A) .txt   (   )
   B) .doc   (   )
   C) .docx   (   )
   D) .pdf   (   )

44. In computing, what is 'Virtual Reality' (VR)?
   A) A programming language   (   )
   B) A physical storage device   (   )
   C) A simulation of a real or imagined environment   (   )
   D) A type of software virus   (   )

45. What does IoT stand for?
   A) Internet of Technology   (   )
   B) Interconnected Objects Technology
                                   (   )
   C) Internet of Things   (   )
   D) Intelligent Objects Technology(   )

46. What is the primary function of a VPN (Virtual Private Network)?
   A) Data encryption   (   )
   B) Internet speed enhancement   (   )
   C) Secure remote access   (   )
   D) Data compression   (   )

47. In computing, what does API stand for?
A) Application Programming Interface   (   )
B) Advanced Programming Interface   (   )
C) Automated Programming Interface   (   )
D) Application Process Interface   (   )

48. What is the primary function of an IP address?
   A) Encrypt files   (   )
   B) Connect printers   (   )
   C) Identify devices on a network (   )
   D) Control computer memory   (   )

49. What does the term "Open Source Software" mean?
   A) Software that is free for download (   )
   B) Software whose source code is available for modification   (   )
   C) Software that cannot be installed on multiple devices   (   )
   D) Software that requires a subscription
                                   (   )

50. Which of the following is NOT an example of Artificial Intelligence?
   A) Voice assistants like Siri or Alexa (   )
   B) Automated email responses   (   )
   C) Google search suggestions   (   )
   D) Traditional calculator   (   )