



GOVERNMENT POLYTECHNIC, CHAPRA

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FIT and C Programming
SUBJECT CODE – 2418105

2nd SEM – Electronics Engineering

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1. Which of the following is the brain of the computer?
 - a) Central Processing Unit
 - b) Memory
 - c) Arithmetic and Logic unit
 - d) Control unit
2. Which of the following is the smallest unit of data in a computer?
 - a) Bit
 - b) KB
 - c) Nibble
 - d) Byte
3. PROM is provided blank to the programmer. TRUE or FALSE?
 - a) True
 - b) False
4. Which of the following language does the computer understand?
 - a) Computer understands only C Language
 - b) Computer understands only Assembly Language
 - c) Computer understands only Binary Language
 - d) Computer understands only BASIC
5. Which of the following are physical devices of a computer?
 - a) Hardware
 - b) Software
 - c) System Software
 - d) Package
6. The memory implemented using the semiconductor chips is _____
 - a) Cache
 - b) Main
 - c) Secondary
 - d) Registers
7. ROM has the capability to perform _____
 - a) Write operation only
 - b) Read operation only
 - c) Both write and read operation
 - d) Erase operation
8. What is the primary purpose of HTTPS in web security?
 - a) To serve as a backup protocol for HTTP
 - b) To secure user authentication
 - c) To encrypt data transmitted between a web server and a browser
 - d) To enable cross-origin resource sharing
9. Why ROMs are called non-volatile memory?
 - a) They lose memory when power is removed
 - b) They do not lose memory when power is removed
 - c) They lose memory when power is supplied
 - d) They do not lose memory when power is supplied

10. Which of these statements are correct for SRAM?
- It needs refreshing
 - It uses capacitors to store data
 - It uses transistor to store data
 - None of these
11. A device which is used to boost the signal between two cable segments or wireless access points is
- Booster
 - Repeater
 - Switch
 - Router
12. Which type of topology is best suited for large businesses which must carefully control and coordinate the operation of distributed branch outlets?
- Ring
 - Local area
 - Hierarchical
 - Star
13. A collection of hyperlinked documents on the internet forms the ??
- World Wide Web (WWW)
 - E-mail system
 - Mailing list
 - Hypertext markup language
14. The term HTTP stands for?
- Hyper terminal tracing program
 - Hypertext tracing protocol
 - Hypertext transfer protocol
 - Hypertext transfer program
15. Which of the following address belongs to class A?
- 121.12.12.248
 - 130.12.12.248
 - 128.12.12.248
 - 129.12.12.248
16. What IP address class allocates 8 bits for the host identification part?
- Class A
 - Class B
 - Class C
 - Class D
17. Which of the through is share the data of two computer?
- Library
 - Network
 - Grouping
 - Integrated system
18. A _____ is usually privately owned and links the devices in a single office, building, or campus
- LAN

- b) MAN
 - c) WAN
 - d) all of the above
19. What are nodes in a computer network?
- a) the computer that routes the data
 - b) the computer that terminates the data
 - c) the computer that originates the data
 - d) all of the mentioned
20. Which topology requires a multipoint connection?
- a) Ring
 - b) Bus
 - c) Star
 - d) Mesh
21. What is the process called when a web crawler indexes the information it collects from a website?
- a) Crawling
 - b) Indexing
 - c) Spiders
 - d) Linking
22. A device that helps prevent congestion and data collisions –
- a) Switch
 - b) Hub
 - c) Gateway
 - d) Proxy Server
23. What type of data does a web crawler typically collect from a website?
- a) Personal information such as credit card numbers
 - b) Links to other websites
 - c) Images and videos
 - d) All of the above
24. What is the function of Network Interface Cards?
- a) connects the clients, servers and peripherals to the network through a port
 - b) allows you to segment a large network into smaller, efficient networks
 - c) connects networks with different protocols like TCP/IP
 - d) boost the signal between two cable segments or wireless access points
25. If a server has no clue about where to find the address for a hostname then
- a) server asks to the root server
 - b) server asks to its adjacent server
 - c) request is not processed
 - d) none of the mentioned
26. A device that is used to connect a number of LANs is –
- a) Router
 - b) Repeater
 - c) Bridge
 - d) Switch

27. Which of these is a category of RAM?
- Erasable RAM
 - Dynamic RAM
 - Programmable RAM
 - None of these
28. A hard disk with 20 surfaces will have _____ heads.
- 10
 - 5
 - 1
 - 20
29. Which of these are considered as primary memory?
- RAM
 - ROM
 - Cache
 - Both A and B
30. EPROM's data can be erased using ____.
- It can be directly reprogrammed
 - Heat
 - High Voltage Ultraviolet light
 - All of these
31. Which of these is an advantage of cache memory?
- It is faster than main memory
 - It stores data for temporary use
 - It stores programs to be executed
 - All of these
32. URL is _____
- web address
 - source code
 - user's address
 - an attribute
33. A DNS client is called _____
- DNS updater
 - DNS resolver
 - DNS handler
 - none of the mentioned
34. What does URL stands for?
- Uniform Resource Locator
 - Uniform Resource Latch
 - Universal Resource Locator
 - Universal Resource Latch
35. .com indicates the web site information is from a
- College
 - Government

- c) Commercial
d) military
36. A domain name is delegated by domain name registers which are accredited by _____ have right to use
a) internet architecture board
b) internet society
c) internet corporation for assigned names and numbers
d) internet research task force
37. In the www.google.com URL, google is the
a) Top level domain
b) Sub name
c) Domain name
38. Requests for other domains are handled Servers _____
a) directly
b) by contacting remote DNS server
c) it is not possible
39. What is the process called when a web crawler follows a link to another website?
a) Indexing
b) Crawling
c) Spiders
d) Linking
40. What is the primary function of a web crawler?
a) To index and organize website content
b) To encrypt and secure website data
c) To analyze website traffic and user behavior
d) To improve website design and layout