ESTAM UNIVERSITY

FIRST SEMESTER EXAMINATION

FACULTY OF APPLIED SCIENCES

COMPUTER SCIENCE DEPARTMENT

CSC 307: NETWORKING 1

Lecturer: Mr. Anthony Cletus

Time Allowed: 1 hour 30 minutes | Instruction: Answer all

1. Mr. Musa sends some PDF documents from his Office at ESTAM university to the VC of Oxford University in the UK. What type of Network makes this data transfer possible?
   a. PAN
   b. MAN
   c. WAN
   d. LAN

2. Tosin sent an email to Bolu last night. What type of Network protocol made the transfer possible?
   a. IMAP
   b. HTTPS
   c. SMTP
   d. IP

3. What is the full meaning of IMAP
   a. Internet Message Access Protocol
   b. Intra Messing Array Procedure
   c. Intercession Mission of Area Possible
   d. International Messaging Access Protocol

4. Who is referred to as the father of the internet?
   a. James Bohr
   b. Tims Berners-Lee
   c. Charles Barbbage
   d. Nikola Tesla

5. In the Command prompt (CMD), which command is used for checking a computer's IP address?
    a. netshw
    b. ping - google.com
    c. ipconfig
    d. display ip

6. Which of the following is required to host a website?
    a. Mail Server
    b. Database Server
    c. Exchanger Server
    d. Web Server

7. Which is a set of rules?
    a. FTP
    b. IMAP
    c. SMTP
    d. Protocol

8. What is the full meaning of HTTP?
    a. HyperText Transfer Package
    b. HyperText Transfer Protocol
    c. Hyphenation Text Test Program
    d. None of the above

9. In HTTPS, the letter 's' stands for ___?
    a. Smart
    b. Simple
    c. Secure
    d. Standard

10. IP stands for?
    a. Internet Protocol
    b. Intranet Protocol
    c. Internal Protocol
    d. Internet Post

11. How long is an IPv4 address?
    a. 16 bits
    b. 32 bits
    c. 64 bits
    d. 128 bits

12. How long is an IPv6 address?
    a. 16 bits
    b. 32 bits
    c. 64 bits
    d. 128 bits

13. How many versions of IP do we have?
    a. 1
    b. 2
    c. 3
    d. 4

14. Which of the following is not a form of Network topology?
    a. BUS
    b. STAR
    c. RING
    d. Peer to Peer

15. The port no. of FTP is___?
    a. 23
    b. 21
    c. 143
    d. 110

16. Bluetooth is an example of ___?
    a. LAN
    b. WAN
    c. PAN
    d. MAN

17. Which device connects your computer to the internet?
    a. Dongle
    b. Modem
    c. Hard drive
    d. Telephone

18. What was the first computer network created?
    a. ARPANET
    b. WWW
    c. TCP/IP
    d. SMTP

19. One of these is not a characteristic of computer networking
    a. Resource Sharing
    b. Security
    c. Phishing
    d. Reliability

20. ___ is a network device that is used to connect multiple computers in a Network
    a. HUB
    b. USB
    c. Router
    d. Repeater

21. What type of protocol is used to transfer data from server to client?
    a. FTP
    b. SMTP
    c. POP
    d. UDP

22. In the Star topology, messages sent across computers are completely private
    a. Yes
    b. No

23. A group of computers which are connected to each other for the purpose of sharing their resources is called?
    a. Internet connection
    b. Network Provider
    c. Computer Information Technology
    d. Computer Network

24. The range of Personal Area Network (PAN) is less than 10meters
    a. True
    b. False

25. Who invented the world wide web (WWW)?
    a. James Bohr
    b. Tims Berners-Lee
    c. Charles Barbbage
    d. Nikola Tesla

26. Mr. Tony's laptop was shut down by a student who was sitting in the class close to his office. What is the most important information the student could have used to execute this hack?
    a. Mr. Tony's Laptop Name
    b. Mr. Tony's Network Address
    c. Mr. Tony's IP Address
    d. Mr. Tony's Wifi Name

27. Who were the two computer scientists credited with inventing the Internet communication protocols
    a. Vinton Cerf and Bob Kahn
    b. Charlse Babbage and NIkola Tesla
    c. Bill Gate and Paul Allen
    d. Tim Berners-Lee and James Bone

28. Which of the following is not an approach to Network Security?
    a. Fingerprint
    b. Password
    c. Firewall
    d. Stamp

29. Register/Login Passwords of websites are saved in the database as a hash value
    a. True
    b. False

30. What is the full meaning of MAN?
    a. Manual Area Network
    b. Manchester Area Network
    c. Map Area Network
    d. Metropolitan Area Network

31. The Star topology has one computer at the center and to which all other computers are connected.
    a. True
    b. False

32. What is the function of the **switch** device in a computer network?
    a. Connect devices
    b. Reduces current
    c. Increases internet speed
    d. Joins only the HUB and the Repeater

33. Which of the following protocols below are suited for email retrieval?
    a. POP
    b. IMAP
    c. FTP
    d. Both A and B

34. Which of the following web addresses is a complete URL?
    a. https://www.estamuni.net
    b. https//www.estamuni.net
    c. http://www.estamuni.net
    d. www.estamuni.net

35. The type of network that exist within ESTAM University campus is MAN
    a. True
    b. False