Mansoura University
Faculty of Computers and Information
Information Technology and Bioinformatics Dep.

Computer Network
Lecture Quiz
November 26, 2021

Question 1 : Choose the correct answer

1. ..... support small area such as small building or campus with high data rates.

   (A) PAN   **(B) LAN**   (C) MAN   (D) WAN

2. ..... is administered by multiple ISPs and provided low data rates.

   (A) PAN   (B) LAN   (C) MAN   **(D) WAN**

3. ..... used to cover personal area within from 1 to 5 meters.

   (A) PAN   (B) LAN   (C) MAN   (D) WAN

4. Which of the following is not in the network reliable architecture?

   (A) Fault tolerance   **(B) Easy Access**   (C) QoS   (D) Security

5. WLANs operates in ....

   (A) Full duplex   **(B) Half duplex**   (C) Dual duplex   (D) None

6. Ethernet Switch operates in ....

   (A) Full duplex   (B) Half duplex   (C) Dual duplex   (D) None

7. CSMA-CD technology is used in ....

   (A) Half duplex Ethernet LAN   (B) Full duplex Ethernet LAN   (C) Half duplex WLAN   (D) Full duplex WLAN

8. OSPF and NAT protocols are included in .... layer

   (A) Application   (B) Transport   **(C) Network**   (D) Datalink

9. DHCP and FTP protocols are included in .... layer

   (A) Application   (B) Transport   (C) Network   (D) Datalink

10. TCP and UDP protocols are included in .... layer

    (A) Application   **(B) Transport**   (C) Network   (D) Datalink

11. ..... is used to translate domain names into IP addresses.

    (A) SMTP   (B) TFTP   (C) POP3   **(D) DNS**

12. ...... uses UDP port 69 as connectionless for file transfer.

    (A) SMTP   **(B) TFTP**   (C) POP3   (D) FTP

13. ...... uses TCP port 110 which enables clients to retrieve email from a mail server.

    (A) SMTP   (B) TFTP   **(C) POP3**   (D) FTP

14. Which of the following is not a common http message types?

    (A) GET   (B) PUT   **(C) SET**   (D) POST

15. At most one object is sent over a TCP connection in ...... HTTP

    (A) Non-persistent   (B) persistent   (C) insistent   (D) none

16. ..... is a response code used for indicating bad request

    (A) 200   **(B) 400**   (C) 301   (D) 404

17. In ......, email is downloaded from the server to the client and then deleted on the server.

    (A) SMTP   (B) IMAP   **(C) POP3**   (D) FTP

18. Which of the following is not considered as a resolution techniques?

    (A) Iterative   **(B) Registration**   (C) Recursive   (D) ALL

19. ...... automates assignment for IPv4 addresses to clients

    (A) DNS   **(B) DHCP**   (C) FTP   (D) ICMP

20. Source port number is ...... bit

    (A) 16   (B) 32   (C) 64   (D) 128

Question 2: For each of the following sentences, write down ✓ or ✗.

21. TCP is a connectionless protocol ....✗

22. UDP is a reliable protocol ....✗

23. HTTP uses TCP port 80 ....✓

24. Port from 0 to 1024 is well kown port numbers ....✗

25. Dynamic ports are assigned by OS for each client request ....✓

26. Socket is consisted of transport protocol, port number and IP address ....✓

27. TCP is used for Numbering and tracking data segments ....✓

28. UDP uses 3-way handshake for establishing connection ....✗

29. UDP header size equals 20 bytes ....✗

30. TCP is used for congestion control ....✓

Best Wishes
Prof. Noha Hikal and Dr. Mostafa Elgayar