

# Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020)

Course Name - Computer Networks

Course Code - BNCSC201/BHN202(BL/OLD)/BHN201(BL/OLD)/BHNC202(BL/OLD)

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Answer all the questions. Each question carry one mark.

9. 1. In the layer hierarchy as the data packet moves from the upper to the lower layers, headers are

*Mark only one oval.*

- Added
- Removed
- Rearranged
- Modified

10. 2. Communication between a computer and a keyboard involves \_\_\_\_\_ transmission

*Mark only one oval.*

- Automatic
- Half-duplex
- Full-duplex
- Simplex

11. 3. A set of rules that governs data communication

*Mark only one oval.*

- Protocols
- Topology
- RFCs
- None of these

12. 4. Bluetooth is an example of

*Mark only one oval.*

- PAN
- LAN
- WAN
- MAN

13. 5. In OSI model, when data is sent from device A to device B, the 5th layer to receive data at B is

*Mark only one oval.*

- Application layer
- Data Link layer
- Presentation layer
- Session layer

14. 6. Physical or logical arrangement of network is \_\_\_\_\_

*Mark only one oval.*

- Topology
- Routing
- Networking
- None of these

15. 7. In which topology there is a central controller or hub?

*Mark only one oval.*

- Star
- Mesh
- Ring
- Bus

16. 8. Data communication system within a building or campus is \_\_\_\_\_

*Mark only one oval.*

- LAN
- MAN
- WAN
- PAN

17. 9. OSI stands for

*Mark only one oval.*

- Open System Interconnection
- Operating System Interface
- Optical Service Implementation
- None of these

18. 10. The OSI model has \_\_\_\_\_ layers.

*Mark only one oval.*

- 4
- 5
- 6
- 7

19. 11. Which topology requires a multipoint connection?

*Mark only one oval.*

- Mesh
- Star
- Ring
- Bus

20. 12. The topology with highest reliability is

*Mark only one oval.*

- Mesh
- Star
- Ring
- Bus

21. 13. Routers function in which layer?

*Mark only one oval.*

- Physical layer
- Data link layer
- Network layer
- Transport layer

22. 14. The physical layer concerns with

*Mark only one oval.*

- bit-by-bit delivery
- process to process delivery
- application to application delivery
- none of the mentioned



23. 15. Wireless transmission can be done via

*Mark only one oval.*

- radio waves
- microwaves
- infrared
- all of the mentioned

24. 16. Which transmission media has the highest transmission speed in a network?

*Mark only one oval.*

- coaxial cable
- twisted pair cable
- optical fiber
- electrical cable

25. 17. All the packets of a message follow the same channels of a path in

*Mark only one oval.*

- packet switching
- circuit switching
- message switching
- virtual circuit

26. 18. The data link layer takes the packets from \_\_\_\_\_ and encapsulates them into frames for transmission.

*Mark only one oval.*

- Application layer
- Data Link layer
- Presentation layer
- Network layer

27. 19. Which one of the following tasks is not done by data link layer?

*Mark only one oval.*

- framing
- error control
- flow control
- channel coding

28. 20. When two or more bits in a data unit has been changed during the transmission, the error is called

*Mark only one oval.*

- random error
- burst error
- inverted error
- no error

29. 21. CRC stands for

*Mark only one oval.*

- cyclic redundancy check
- cyclic response check
- code redundancy check
- cyclic repeat check

30. 22. In the \_\_\_\_\_ random-access method there is no collision

*Mark only one oval.*

- ALOHA
- CSMA / CD
- CSMA / CA
- Token passing

31. 23. Flow control is used to prevent

*Mark only one oval.*

- overflow of sender buffer
- overflow of receiver
- collision between sender and receiver
- underflow of sender and receiver

32. 24. Which method can detect all single-bit error

*Mark only one oval.*

- CRC
- VRC
- LRC
- All of these

33. 25. A sender has a sliding window of size 15. The first 15 frames are sent. How many frames are in the window now?

*Mark only one oval.*

- 0
- 1
- 14
- 15

34. 26. Flow control is mainly a function of \_\_\_\_\_ layer

*Mark only one oval.*

- Application
- Presentation
- Session
- Data link

35. 27. Stop-and wait is a \_\_\_\_\_ technique

*Mark only one oval.*

- Line discipline
- Flow control
- Error control
- Session management

36. 28. What is the main disadvantage of stop-and-wait flow control?

*Mark only one oval.*

- Unreliable
- Inefficient
- Attenuation
- Dropped packets

37. 29. The network layer concerns with

*Mark only one oval.*

- bits
- frames
- packets
- segments

38. 30. The 4 byte IP address consists of

*Mark only one oval.*

- network address
- host address
- both network address & host address
- neither network address nor host address

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