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CS601 QUIZ 1 SOLVED

Provide by VU Answer

1. Error correction is more ____ than the error detection.

- a) Easy
- b) Useless
- c) Informal
- d) Difficult**

2. ____ is responsible for governing node to node communication.

- a) Application layer
- b) Session layer
- c) Data link layer**
- d) Presentation layer

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3. The extra bits added with the original data for error detection/correction are called ____.

- a) Fault bits
- b) Port numbers
- c) Redundant bits**
- d) Process IDs

4. The ____ is the number of signal elements sent per unit time.

- a) Data rate
- b) Signal rate**
- c) Bit rate
- d) Period

5. The ____ protocols uses both flow and error control.

- a) TCP/IP
- b) HDLC

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c) ICMP

d) Stop-and-wait

6. ___ is an Authentication Protocol, which uses two-step process to authenticate user information.

a) CHAP

b) LCP

c) PAP

d) ICMP

7. In Block coding we divide our message into blocks of k bits called as ____.

a) Code words

b) Data words

c) Passwords

d) Cross words

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8. To control and manage the transfer of data, a protocol called Point to Point Protocol (PPP) is used at the ____ layer.

- a) Physical
- b) Network
- c) Presentation
- d) Data link**

9. ____ is an authentication protocol, which is used by the PPP to authenticate passwords.

- a) CHAP
- b) PAP**
- c) LCP
- d) ICMP

10. No matter whether the link is dedicated or broadcast, data link control (DLC) layer provides services between ____.

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a) Virtual LANs

b) Tow adjacent nodes

c) Ethernet links

d) Source and destination PCs

11. S-frames in High-Level Data Link Control (HDLC) are only used to transfer ___ information.

a) User data

b) Control

c) Redundant

d) Original

12. Congestion Control is a feature of ___ layer (s).

a) Data Link

b) Network

c) Transport

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d) All mentioned

13. ___ is used in the stop-and-wait protocol to overcome the issue of duplication.

- a) Frame sequencing
- b) Acknowledgement numbering
- c) Counter and Timer reset

d) Frame sequencing and Acknowledgement numbering

14. DLC in Data Link Layer stands for ___.

- a) Divide Line Communication
- b) Data Line Code

c) Data Link Control

d) Demand Link Coordination

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15. In even parity check code, the value of syndrome is ____ If the number of 1s is even.

a) 1

b) 2

c) 0

d) 4

16. If the hamming distance between sent and received code word is ____ then it shows that received data is corrupted.

a) $\neq 0$

b) = 0

c) $\neq 1$

d) = 1

17. ____ is not a function of Data Link Control.

a) Framing

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b) Modulation

- c) Error Control
- d) Flow Control

18. Checksum is an error-detection technique that can be required to a message of ____ length.

- a) Exactly 4
- b) Exactly 8
- c) Exactly 32

d) Any

19. ____ category of coaxial cable is used for cable TV.

- a) RG-58
- b) RG-59**
- c) RG-11
- d) RG-47

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20. In circuit switched networks we have low efficiency but minimal ____.

- a) Delay**
- b) Speed
- c) Throughput
- d) Errors

21. In ____ systems. Resources are allocated on demand.

- a) Frequency switching
- b) Line switching
- c) Circuit switching
- d) Packet switching**

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