Q.1 Give brief about design issues in DLL.

Q.2 Differentiate between Pure and Slotted ALOHA.

Q.3 Explain PPP.

Q.4 Justify answer using CRC for divisor: 1101 dividend: 100100.

Q.4 Give brief about HDLC Protocol.

Q.5 Give short note on CSMA/CA, CSMA/CD.

Q.6 Explain IEEE 802.15 frame format.

Q.7 What is sliding window protocol? How it works?

Q.8 Explain Stop and Wait Protocol.

Q.9 Sender Sends code 1001101 justify receiver using Hamming code.

Q.10 What is framing? Explain different methods of framing.

Q.11 Write a note on- ARQ Protocol.

Q.12 What is flow control? What are different approaches for flow control.

Q,.13 Differentiate between flow control and error control.

Q.14 Write a note on-

1. Simple Parity Check error detection technique

2. Two-Dimensional Parity check error detection technique

3. Checksum

4. Cyclic Redundancy code (CRC)

Q.15 Explain with example Hamming code.

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