**Class test 4**

**CSE 303 (SEC A)**

**Marks=20, Time 30 min, upload time 5 min**

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| 1. | What do you understand by serial and parallel transmission? Discuss with proper examples. | 6 |
| 2. | In a digital transmission, the receiver clock is 0.2 percent faster than the sender clock. How many extra bits per second does the receiver receive if the data rate is 1 kbps? How many if the data rate is 1 Mbps? | 4 |
| 3. | Find the LRC for the data blocks 11100101 10011101 10111001 10101010 and determine the data that is transmitted along with proper direction of movement. | 10 |