

Q.no 36. Matched filtering operation includes

C : Spectral phase & amplitude matching

5. In a communication system, a process in which statistical averages and time averages are equal is called as

- a) Stationary
- b) Ergodic
- c) Gaussian
- d) Poisson

View Answer

Answer: b

Explanation: In ergodic process statistical averages and time averages are equal.

30) For a line code, the transmission bandwidth must be

- a. Maximum possible
- b. As small as possible
- c. Depends on the signal
- d. None of the above

ANSWER: (b) As small as possible

Q.no 36. Many time slots are wasted in _____

B : Synchronous TDM

Q.no 35. In delta sigma modulation the input to the delta modulator is actually

C : the difference between the integral of analog signal and the integrated output pulses

Q.no 13. The value of the probability density function of random variable is

A : Positive function

Q.no 11. In T1 carrier system what is bit rate we get

B : 1.544Mbps

Q.no 49. In a digital communication system the bit rate of NRZ data stream is 5

Mbps. What is the symbol rate of transmission for BPSK?

A : 5 Mbps