

Communication System Objective Questions and Answers Pdf

Question: 1

Addition of two periodic signals will always be

- (A) periodic
- (B) aperiodic
- (C) may or may not be periodic
- (D) insufficient data

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Ans: B

aperiodic

Question: 2

The value of resistor creating thermal noise is doubled. The noise power generated is therefore

- (A) doubled
- (B) halved
- (C) quadrupled
- (D) unchanged

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Ans: D

unchanged

Question: 3

The trigonometric Fourier series of a periodic time function can have only

- (A) d.c. and cosine terms
- (B) cosine and sine terms
- (C) sine terms
- (D) cosine terms

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Ans: C

sine terms

**Question: 4**

The power spectral density of a real valued random process \_\_\_\_\_ is function of frequency.

- (A) neither an even nor an odd
- (B) an even
- (C) an odd
- (D) none of the above

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Ans: B

an even

**Question: 5**

Communication is the process of

- (A) entertainment by electronics

(B) exchanging information

(C) broadcasting

(D) keeping in touch

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Ans: D

keeping in touch

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