



WORKSHEET – 12
TOPIC – NETWORKING

SUBJECT: COMPUTER APPLICATION
F.M.: 15

CLASS: XII
DATE: 16.05.2020

➤ **Choose the correct option:**

(1X15=15)

1) What is the cable that carries the information in parallel transmission called?:

- (a) Parallel line (b) Data bus (c) Data line (d) Data link

2) Which of the following is a false reason for parallel lines not being used for long distances?:

- (a) Cost factor (b) Signal Attenuation
(c) Number of transmission channels (d) Low speed

3) Which bit is transmitted first in a serial communication?:

- (a) Least significant (b) Most significant
(c) All the bits simultaneously (d) Not in any specific order

4) The serial communication is used for:

- (a) short distance communication (b) long distance communication
(c) short and long distance communication (d) None of these

5) The number of transmitted bit for serial communication is:

- (a) 1 (b) 2 (c) Same as number of bits of the information (d) None of these

6) The parallel communication is used for:

- (a) short distance communication (b) long distance communication
(c) short and long distance communication (d) None of these

7) The number of transmitted bit for parallel communication is:

- (a) 1 (b) 2 (c) Same as number of bits of the information (d) None of these

8) The mode of transmission for serial communication is:

- (a) Physical (b) Full Duplex (c) Half Duplex (d) Simplex

9) The mode of transmission for parallel communication is::

- (a) semi-duplex (b) Full Duplex (c) Half Duplex (d) Simplex

10) Crosstalk occurs in:

- (a) Serial communication (b) Parallel communication (c) Both (a) & (b) (d) None of these

11) System upgrade is difficult for:

- (a) Serial communication (b) Parallel communication (c) Both (a) & (b) (d) None of these

12) Crosstalk phenomenon is not a case for:

- (a) Serial communication (b) Parallel communication (c) Both (a) & (b) (d) None of these

13) System upgrade is easier for:

- (a) Serial communication (b) Parallel communication (c) Both (a) & (b) (d) None of these

14) The cost of setting up of which of the following is high?:

- (a) Serial communication (b) Parallel communication
(c) Serial – Parallel communication (d) None of these

15) How many links are required to carry 'n' bit data?:

- (a) $n+1$ (b) $n-1$ (c) 1 (d) n

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