



## ANSWER KEY – 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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