



2.5 Competency: - Selects and uses Computer Hardware.

Competency Level: - Investigates benefits and concerns of Computer networks for Optimal Communication.

- It is your responsibility to review and study each subject during this time.
- Study the reading book for your second lesson and engage in the following activities.
- Your answers week - ICT - Name, Grade Format as an attached file.

Choose the correct answer.

1. Converting digital signals into analog signals on a modem used in computer networking is called..... (X) And converting analog signals into digital signals... Called..... (Y). the appropriate answer for (X) and (Y) is,

- I. Demodulation, Modulation II. Modulation, Demodulation
III. Modulation, Remodulation IV. Remodulation, Demodulation

2. The device that determines the shortest and most appropriate path in the transmission of information is

- I. Focal II. Router III. Modem IV. Switch

3. A particular disadvantage of star topology may be,

- I. The entire network crashes due to a fault in the central location
II. Communication between two computers is at risk of crashing due to an error on another computer
III. Inability to control from a hub
IV. Having more than two ways to communicate between two computers.

4. Of the following statements, the true statement / statement is,

- a. The advantage of networking is the ability to communicate data quickly.
b. Modem is an essential component for setting up networks.
c. The minimum number of computers required to set up a network is two.



Provincial Department of Education – Week School

Grade 10

Information & Communication
Technology

Translated By : Mrs. S.M.C.N.Sampaya
Kg/Dehi/Rajasinghe Central College- Ruwanwella.

1. The path through which data is carried from one end to the other is called the medium of communication.

Attribute	To the name of the media
Faster and safer	Infrared rays
The source and receiver need to be aligned to receive the signal.	Microwaves fiber optic
Suitable for short distance communication	Wi-Fi
Assists in data communication from satellites	Radio waves



2. Briefly describe the function of the following communication devices.

Modam	Networking Switch
	