

MINISTRY OF EDUCATION, HERITAGE & ARTS

YEAR 12 COMPUTER STUDIES – WORKSHEET 5 - 2021

Instruction: Use your activity book to write the answers only.

Strand 1 Sub Strand: Computers in Society

MULTIPLE CHOICE QUESTIONS – Select the best answer for questions 1 and 2.
(2 marks)

1. What is the key difference between Bluetooth, Wi-Fi and WiMax channels which forms wireless communication?

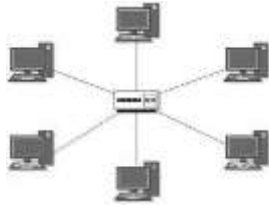
A. Cost	C. Distance
B. Speed	D. Technology

2. Which process do modems use to convert a computer's digital signal into analog signals?

A. Digitization	C. Demodulation
B. Modulation	D. Synchronization

SHORT ANSWER QUESTIONS

1. Complete the table in your answer booklet by describing the star topology and drawing the ring topology.

Topologies	Description	Diagram
Star	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
Ring	Each device is connected to other two devices	<div style="border: 1px solid black; height: 100px; width: 100%;"></div>

2. Define the following terms:

(i) Server	(ii) Switch	(iii) Bandwidth
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3. State **two** advantages of computers connected to network in an organisation.
4. Differentiate between a bridge and a router in relation to network connectivity.