

MINISTRY OF EDUCATION, HERITAGE & ARTS

YEAR 12 COMPUTER STUDIES – WORKSHEET 7 - 2021

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

Strand 1 Sub Strand: Communications and Networks

MULTIPLE CHOICE QUESTIONS – Select the best answer for questions 1 and 3.
(3 marks)

1. Which of the following is the largest network in the world.

- | | |
|-------------|-------------|
| A. Extranet | C. Intranet |
| B. Internet | D. Ethernet |

2. Physical and logical arrangement of network is known as

- | | |
|--------------|-------------------|
| A. routing. | C. networking. |
| B. topology. | D. communication. |

3. Radio telephone is an example of

- | | |
|------------------------|------------------------|
| A. simplex system. | C. half-duplex system. |
| B. full-duplex system. | D. half-simplex system |

SHORT ANSWER QUESTIONS

- (a) State **one** advantage of wireless communication systems. (1 mark)
- (b) LAN, PAN, MAN and WAN are the types of networks. Describe **Metropolitan Area Network (MAN)**. (2 marks)
- (c) Asynchronous and synchronous transmission are the two ways of data transfer. Describe synchronous transmission. (2 marks)

ESSAY QUESTIONS

Write an essay of approximate 180 – 200 words. **(10 marks)**

1. LAN, WLAN, MAN, WAN and PAN are the five types of networks.

With reference to the above statement, discuss the following:

- any **four** types of networks
- use diagrams to support the discussion
- **two** advantages of LAN
- **one** disadvantage of WAN