

Marking scheme

Question 1

a) The diagram in *Figure 1* represent;

2 marks

Network topologies

b) Identify the parts labelled A, B, C, D, E and F.

A = Bus topology

B = Star topology

C = Ring topology

D = Mesh topology

E = Tree topology

F = Hybrid topology

2 marks each x 6 =

12 marks

c. State two advantages of B in *Figure 1*

- Easy to detect faults.
- Easy to remove parts.
- No disruptions to the network when connecting or removing devices.
- Easy to install and wire.

2 marks each x 2 =

4 marks

d) Write the following acronyms in full.

WAN- Wide Area Network

PAN- Personal Area Network

MAN- Metropolitan Area Network

LAN - Local Area Network

1/2 mark each x 4 = 2

marks

d) Classify the following social media sites under the following heading:

Social networking	Microblogging
<i>Facebook</i>	<i>Instagram</i>
<i>LinkedIn</i>	<i>Twitter</i>
<i>Google +</i>	<i>Tumblr</i>

1 mark each x 6 = 6 marks

Question 2

a) What is a presentation software?

2 marks

Presentation Software is a program used to create slides or multimedia presentation.

b) List four (4) examples of presentation software

- Google slides
- Microsoft PowerPoint
- Keynote
- Canva
- Visual Software etc

1 mark each x 4 =

4 marks

c. Explain the following features of a spreadsheet.

i. columns: It is the vertical block of cells on a worksheet.

ii. row: Refers to the horizontal block of cells in a worksheet.

iii. cell: The intersection of a column and a row in a spreadsheet. **2 marks**

each x 3 = 6 marks

Question 3

a) What is a *theme* in MS PowerPoint?

2 marks

Theme in MS PowerPoint is a predefined set of colour, fonts, and visual effects that you apply to your slide for a unified, professional look.

2 marks

b. State *four* uses of social media

- For research
- For communication
- For project collaboration
- For selling and buying

1 mark each x 4 =

4 marks

c. State the data type for the following data as used in Microsoft Excel.

Data	Data type
10 th June, 2023	Date
\$ 500.00	Currency
Abdul Aziz	Text/Label

2 marks each x 3 = 6 marks

Question 4

a) What is a computer network?

2 marks

A **computer network** is a group of two or more computers that are connected with one another for the purpose of communicating data electronically.

2 marks

b. Differentiate between a *label* and *value* data types in MS Excel.

Labels are the alphabets used for descriptions in a spreadsheet while ***values*** are the raw numbers, decimals, fractions and dates in a worksheet

4 marks

c. Write down *two* types of information security.

- Application security
- Cloud security
- Cryptography

any 2 x 2 marks =

4 marks

Question 5

a) Write the following acronyms in full.

i) Cc: Carbon copy

ii) Bcc: Blind carbon copy

2 marks each x 2 =

4 marks

b) What is copyright infringement?

2

marks

Copyright infringement describe the failure to obey copyright rules and regulations.

c) List three categories of work included in the Copyright Act No. 690.

6 marks

- Musical works
- Literature
- Sound recording
- Audio-visual works
- Computer programs
- Art
- Derivative works.

c) Draw the logo of Facebook in the box below.

2 marks

