



27/2

Hoërskool Johan Jurgens

Computer Applications Technology

Paper 2 (Theory)

Grade 10

Date: 3 March 2026

Time: 1 Hour

Marks: 50

Examiner: Ms. M. Hugo

Moderator: Mrs T. Themba

Themba
27/02/26

Instructions and Information:

1. This question paper consists of TWO Sections:
SECTION A (15 Marks)
SECTION B (35 Marks)
2. Answer ALL the questions.
3. Number the answers correctly according to the numbering system used in this test.
4. **Start EACH question in Section B only (Questions 4 and 5) on a NEW page.**
5. **Leave a line after EACH sub-question for Section B only.**
6. Draw a right-hand margin on every page.
7. Generally, one mark is allocated per fact; therefore, a 2-mark question would usually require TWO facts, et cetera.
8. Do not make use of Brand names in your answer unless specifically requested.
9. Answers such as faster and cheaper will only be marked correctly if properly motivated.
10. Write neatly and legibly.

THIS PAPER CONSISTS OF 6 PAGES INCLUDING THE COVER PAGE

SECTION A

Question 1: Matching Columns

Choose that term/concept from COLUMN B that matches the description in COLUMN A.

Write only the letter (A–J) next to the question number (1.1–1.5) on your folio paper, for example 1.6 K.

Column A		Column B
1.1	The process of sending a file to print.	A. Mouse
1.2	A box that displays information when hovering over a screen element or component.	B. Pop-up menu
1.3	A wireless technology that allows for communication over very short distances, typically to connect devices such as wireless earphones.	C. Monitor
1.4	An example of an input device.	D. Wi-Fi
1.5	The name given to the main storage device of a computer.	E. D: Drive
		F. Logging in
		G. Tooltip
		H. C: Drive
		I. Spooling
		J. Bluetooth

SUBTOTAL (QUESTION 1) [5]

Question 2: True/False

Indicate whether each of the following statements are TRUE or FALSE.

If the statement is FALSE, then you **MUST** also write the word(s) which should replace the underlined word to make the statement TRUE.

- 2.1 A soft copy is a printed-out version of a document. (1)
- 2.2 Compression software allows users to reduce the size of file/folder. (1)
- 2.3 Microsoft PowerPoint and Slides are both examples of web authoring software. (1)
- 2.4 The Windows is the interface in which a user interacts with graphical components such as icons, buttons, and menus (1)
- 2.5 1 TB is equivalent to 1024 GB. (1)

SUBTOTAL (QUESTION 2) [5]

Question 3: Multiple choice questions

Various options are given as possible answers to the questions.

Choose the correct answer and write only the letter (A–D) next to the question number (3.1–3.5), for example 3.6 D.

3.1 Booting refers to ...

- A saving a file.
- B loading the operating system.
- C logging into a network.
- D opening a program.

(1)

3.2 Which ONE of the following sets of shortcut keys would you use to move and paste text in a document?

- A <Ctrl> + <C>, <Ctrl> + <V>
- B <Ctrl> + <X>, <Ctrl> + <V>
- C <Ctrl> + <X>, <Ctrl> + <P>
- D <Ctrl> + <C>, <Ctrl> + <P>


(1)

3.3 A device that allows a computer to have multiple USB ports.

- A USB Hub
- B USB Switch
- C USB Card
- D USB printer

(1)

3.4 What is the name for the following control?

Height: 1.84 m 

- A Combo box
- B Checkbox
- C Spinner
- D Radio button

(1)

3.5 A temporary area in memory that stores the last item copied or cut.

- A ROM
- B Snipping tool
- C Recycle Bin
- D Clipboard

(1)

SUBTOTAL (QUESTION 3) [5]

TOTAL FOR SECTION A [15]

SECTION B

Question 4: Systems Technology

Your friend is considering buying a gaming laptop. Consider the following specifications and answer the questions that follow.



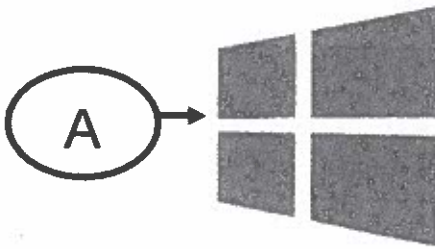
ASUS TUF Gaming F16
Intel i5-13450HX Processor 2.4 GHz
16" 2K (1920 x 1200) 3ms
16GB RAM and 500GB SSD
Nvidia GeForce RTX 4090 8 GB Graphics Card
Windows 11 Home
HDMI x 1, USB-A x 2, USB-C x 1

- 4.1 Give ONE benefit for choosing a laptop instead of a desktop computer. (1)
- 4.2 Consider the **16" 2K (1920 x 1200) 3ms** specification above.
- 4.2.1 What part of the computer does this specification refer to? (1)
- 4.2.2 Explain what the '1920 x 1200' refers to. (1)
- 4.2.3 Explain what the '3ms' specification indicates and how it affects the gaming experience? (2)
- 4.3 Write down the name of the operating system. (1)
- 4.4 List the THREE functions of the operating system. (3)
- 4.5 The computer needs memory and storage to work.
- 4.5.1 How much memory does the computer come with? (1)
- 4.5.2 What is the function of memory? (i.e. what does it store?) (1)
- 4.5.3 Why is memory seen as being volatile? (1)
- 4.5.4 Give TWO differences between an SSD and the older HDD storage devices. (2)
- 4.6 Explain the purpose of having a separate graphics card in the laptop. (1)

SUBTOTAL (QUESTION 4) [15]

Question 5: Systems Technology and Social Implications

5.1 Consider the screenshot of the desktop below and answer the questions that follow.



- 5.1.1 Give the name for the icon labelled A. *Windows / start Menu* (1)
- 5.1.2 Give the name for the item labelled B. (1)
- 5.1.3 What is the name given to the icons on the desktop that have a small, curved arrow in the bottom corner? (1)
- 5.2 Classify each of the following below as either *input*, *processing*, *output*, *storage* or *communication*:
- 5.2.1 Typing a WhatsApp message on your smartphone. (1)
- 5.2.2 Sending a document to a friend via Airdrop. (1)
- 5.2.3 Looking at the photos displayed on your screen. (1)
- 5.3 Give the term that best describes each of the following:
- 5.3.1 An injury that occurs from fast repetitive work. (1)
- 5.3.2 The study and design of the workplace to promote the safety and comfort of the user. (1)
- 5.3.3 A type of cable that transmits high-definition video and sound. (1)
- 5.3.4 A type of printer that is best suited for printing large volumes of black and white documents. (1)
- 5.4 Explain the difference between *data* and *information*. (2)

- 5.5 3D printers are becoming more affordable these days.
- 5.5.1 Briefly explain how a 3D printer works. (1)
 - 5.5.2 What is the name given to the material used to print in plastic? (1)
 - 5.5.3 Give ONE advantage and ONE disadvantage of having a 3D printer. Do not refer to cost in your answer. (2)
- 5.6 Many people make use of online storage.
- 5.6.1 Give an example of an online storage platform/software. (1)
 - 5.6.2 Give TWO advantages of using online storage. (2)
 - 5.6.3 Give ONE disadvantage of using online storage, other than cost. (1)

SUBTOTAL (QUESTION 5) [20]

TOTAL FOR SECTION B [35]

GRAND TOTAL [50]