

EdTech Cycle Test – Term 1 (Grade 9)

Time: 1 Hour Marks: 50

Instructions: - Answer all questions. - Read each question carefully. - Write neatly.

Section A: Multiple Choice (10 marks) Choose the correct answer. Each question is 2 marks.

1. Which of the following is hardware?
 - a) Microsoft Word
 - b) Printer
 - c) Google Drive
 - d) Antivirus software
 2. What is the main purpose of software?
 - a) To store data
 - b) To process data
 - c) To clean the computer
 - d) To increase RAM
 3. Which of these is an example of cloud storage?
 - a) USB flash drive
 - b) OneDrive
 - c) Hard disk
 - d) CD-ROM
 4. Which step in the Information Processing Cycle involves making decisions based on processed data?
 - a) Input
 - b) Processing
 - c) Output
 - d) Storage
 5. Which of the following AI prompts could you use to generate a summary of a paragraph?
 - a) "Create a summary of this text."
 - b) "Install Word document."
 - c) "Open OneDrive."
 - d) "Print this file."
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Section B: Short Answer (15 marks)

6. Define the following terms. (3 × 2 = 6 marks)

- a) Hardware
 - b) Software
 - c) Cloud storage
7. List the four main stages of the Information Processing Cycle. (4 marks)
 8. Explain one benefit of using Microsoft OneDrive for storing documents. (2 marks)
 9. Give two advantages of using Microsoft Word for writing school assignments. (3 marks)
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Section C: Practical/Applied Questions (25 marks)

10. Microsoft Word – Formatting Task (10 marks) You are required to create a one-page document with the following:
 - Title: “My Favourite Technology” (centre-aligned, bold, size 16)
 - Two paragraphs about your favourite technology.
 - Use bullet points to list three advantages of your chosen technology. (Marks awarded for correct formatting and content.)
 11. Microsoft OneDrive – Practical Question (5 marks) Describe the steps you would follow to upload a Word document to OneDrive.
 12. AI Prompts – Application (5 marks) You want to create a short poem using an AI tool. Write an example prompt you could use.
 13. Information Processing Cycle – Scenario Question (5 marks) Thabo records the temperature of his classroom every hour and calculates the daily average.
 - Identify the input, processing, and output stages in this scenario.
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End of Test