



**Student Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Student ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

## Assessment Details

<b>Duration:</b> 60 minutes	<b>Total Marks:</b> 100
<b>Topics Covered:</b>	<ul style="list-style-type: none"><li>• IT Terminology</li><li>• Grammar Structures at the A2 level</li><li>• Reading Comprehension through IT-related texts</li></ul>

## Instructions to Students:

1. Read all questions carefully before attempting.
2. Show all working out - marks are awarded for method.
3. Calculator use is permitted except where stated otherwise.
4. Write your answers in the spaces provided.
5. If you need more space, use the additional pages at the end.
6. Time management is crucial - allocate approximately 1 minute per mark.

**Question 1**

**[2 marks]**

What does the term "byte" refer to in computing?

A) A unit of storage

B) A type of computer language

C) A network protocol

D) A software application

**Question 2**

**[2 marks]**

Which of the following grammar structures is used to describe future plans?

A) Present Simple

B) Present Continuous

C) Going to

D) Present Perfect

**Question 3**

**[2 marks]**

What is the primary function of a firewall in computing?

A) To protect against viruses

B) To block unauthorized access to a network

C) To improve internet speed

D) To backup data

**Question 4**

**[8 marks]**

Define what a "byte" is in the context of computing and give an example of its use.

**Question 5**

**[8 marks]**

Explain the difference between "its" and "it's" in a sentence related to IT.

## Section C: Reading Comprehension [30 marks]

Read the following passage about cybersecurity and answer the questions that follow:

Cybersecurity refers to the practices, technologies, and processes designed to protect digital information, computer systems, networks, and software applications from unauthorized access, use, disclosure, disruption, modification, or destruction. This field is crucial in today's digital age as more personal and sensitive information is stored digitally. Effective cybersecurity measures include using strong, unique passwords, regularly updating software, and being cautious of phishing emails. Additionally, cybersecurity involves protecting against various types of malware, such as viruses, spyware, and ransomware. It is essential for individuals and organizations to prioritize cybersecurity to prevent data breaches and protect their digital assets.

### Question 6

[2 marks]

What is cybersecurity, according to the passage?

### Question 7

[2 marks]

Identify and explain one method of protecting against cybersecurity threats mentioned in the passage.

Section D: Essay Question [20 marks]

Choose one of the following essay questions and answer it in the space provided. Ensure your answer is well-structured, clearly written, and directly addresses all parts of the question.

Question 8

[20 marks]

Discuss the importance of cybersecurity in the modern digital age. Include in your discussion the role of individuals, organizations, and governments in preventing cyberattacks and protecting digital information.

Section E: IT Project Proposal [30 marks]

You have been tasked with proposing an IT project to improve the efficiency of a small business. The business is currently using manual systems for inventory management, customer relationship management, and accounting. Propose a project that integrates these systems into a single, automated solution.

Question 9

[30 marks]

Include in your proposal the following elements: project overview, objectives, scope, timelines, budget, and expected outcomes. Ensure your proposal is concise, well-structured, and clearly presented.

Section F: Group Discussion [20 marks]

Imagine you are part of a team tasked with implementing a new IT system in a large organization. The system aims to improve communication and collaboration among employees. Discuss the following aspects of the implementation: benefits, challenges, training needs, and potential impact on employee productivity.

Question 10

[20 marks]

Your discussion should demonstrate an understanding of IT systems, organizational change management, and team collaboration. Ensure your points are clearly argued and supported with relevant examples.

## Section G: Reflective Journal [10 marks]

Reflect on what you have learned throughout this course regarding IT terminology, grammar, and applications. Discuss how your understanding and skills have developed, and identify areas where you would like to learn more.

### Question 11

[10 marks]

Your reflection should be personal, honest, and demonstrate self-awareness. Include specific examples from the course materials or activities that have contributed to your learning.

## Additional Information

For any questions or concerns regarding this assessment, please do not hesitate to contact your instructor. Additional resources and support are available through the course learning management system.

Remember, academic integrity is of utmost importance. All work submitted must be your own. Plagiarism and collusion will be penalized according to the institution's policy.

## Appendix

This section includes additional materials that may be useful for your reference.

### Glossary of IT Terms

A list of key IT terms and their definitions.

### IT Grammar Guide

A guide to grammar structures commonly used in IT contexts.



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