

# UNIT TEST REVIEW: HARDWARE, NETWORKS AND SOFTWARE

This unit test will include everything we covered in **UNIT 1: Hardware, Networks and Software**, including file management, computer basics, computer hardware, binary numbering system, computer software, the internet, internet safety, etc.



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## **PART I: Knowledge and Understanding (20 Marks)**

- ✓ True or False
- ✓ Multiple Choice

## **PART II: Thinking (20 Marks)**

- ✓ Review some of the features of each of the types of internet connections we covered in class (dial-up, DSL, cable, satellite, and 3G or 4G).
- ✓ Review some of the computer components we covered in this unit (CPU, RAM, motherboard, power supply, optical disc drives, etc.).

## **PART III: Communication (20 Marks)**

- ✓ Review some of the tips that should be followed when creating strong passwords.
- ✓ Review some of the different types of software applications we covered in class (word processing, desktop publishing, spreadsheet software, etc.).
- ✓ Review some of the different ways that people use the internet to communicate with others (social networking, chat and instant messaging, VoIP, etc.).
- ✓ Review some of the different types of computers (e.g. desktop, servers, tablets, etc.).
- ✓ Review some of the advantages of cloud computing.

## **PART IV: Application (20 Marks)**

- ✓ Review how to convert binary numbers to decimals, how to convert decimals to binary and how to add binary numbers.