

# 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)**

- ☞ Multiple Choice
- ☞ True or False

## **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 connecting a computer to a network.

## **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.