Chhetri Academy

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GCSE COMPUTER SCIENCE

5.1

Edexcel 1CP2 | Specification point 5.1.1

Environmental issues associated with the use of digital devices (energy consumption, manufacture,...

Untiered

Past paper question booklet

1	2018	Untiered
question groups	available papers	tier

Before you begin

1. Show working and use units where appropriate.
2. Use extra paper if you need more space.
3. Print at actual size (100%) for measurement questions.

Name _____ **Date** _____

Whole questions are retained for context; some parts cover other points. Legacy sources are labelled.

5 A company recycles digital devices. It uses computers and networks in its business.

(a) The company stores details of its business such as recycling statistics on a server.

Users do not all have the same access to files stored on the server.

Explain the type of access to the statistics file a student on work experience at the company should be given.

(2)

(b) Identify the term that refers to software that is out of date and vulnerable to cyberattack.

(1)

- ☒ **A** Unaudited
- ☒ **B** Untested
- ☒ **C** Unstructured
- ☒ **D** Unpatched

(c) Explain **two** ways in which the improper disposal of digital devices could be harmful to human health.

(4)

(d) The company is concerned about the security of its own network. It employs a network specialist to secure the network.

(i) Describe what is meant by the term 'penetration testing' when applied to networks.

(2)

(ii) The network specialist uses a software tool to carry out a code review.

State **two** checks that are carried out during a code review.

(2)

1 .....

2 .....

(Total for Question 5 = 11 marks)