

# Examiners' Report

January 2010

Principal Learning

## Information Technology Level 2 IT201/01 The Potential of Technology

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Publications Code DP022933

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## Level 2 Unit 1 - The Potential of Technology

### General

Learners generally made a very good attempt at this paper with many achieving high marks.

The learners generally demonstrated a good understanding of the function of key components of technology systems used in organisations - Learning Outcome 1.

Learners were however weaker where questions focussed on Learning Outcome 2 - Understand the reasons why an organisation should implement or improve a technology system and Learning Outcome 3 - Understand the role and contribution of technology to the success of organisations.

### Question 1

Learners generally demonstrated a good understanding of the technologies used in retail, they did however struggle to correctly identify the contribution made by EPOS systems to the success of the organisations in 1(b) and 1(c) (LO3).

### Question 2

Learners made a good attempt at all parts of the question, scoring particularly well on 2(b), 2(d) and 2(f) areas which are familiar to learners in their day to day lives. A disappointing number were however unable to identify a firewall and anti-spyware as ways to reduce the risk of identity theft.

### Question 3

This was by far the weakest question on the paper. CAD and CAM is an important part of technology systems used in manufacturing and as such centres should ensure that the topic is taught to learners in preparation for the examination.

3(c) and 3(d) were very poorly answered; learners demonstrating little idea of why car manufacturers invest in CAM systems (LO2) or the effects of the increased use of technology on employment patterns (LO4).

### Question 4

The majority of learners scored highly in this question; the exceptions being 4(a) where only 40% correctly identified a reduction in the number of branches as a consequence of online banking and 4(e) the effects on employment patterns.

### Question 5

Another high scoring question, the exception in this case being 5(e) which focussed on expert diagnostic systems. This area is explicitly identified in the specification and is an important part of modern technology systems used in organisations; centres must therefore ensure that the topic is covered in preparation for the examination.

### Question 6

Learners had mixed success in this question. Surprisingly almost half of the learners failed to identify that a spreadsheet, which is an application package, would be used to do calculations.

### Question 7

As in the previous question there was a wide range of marks achieved. Less than half of the learners identified that a call centre operator's job had arisen as the result of new technologies. Similarly only 42% identified the fact that CAL motivates students by varying presentation techniques.

## Statistics

### Level 2 Unit 1 - The Potential of Technology

Grade	Max. Mark	A*	A	B	C
Raw boundary mark	60	53	46	39	32
Points score	10	8	6	4	2

### Notes

**Maximum Mark (Raw):** the mark corresponding to the sum total of the marks shown on the mark scheme or marking grid.

**Raw boundary mark:** the minimum mark required by a learner to qualify for a given grade.

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Publication Code DP022933 January 2010

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