

**Thursday 17 January 2013 – Morning**

**AS GCE**

**APPLIED INFORMATION AND COMMUNICATION TECHNOLOGY**

**G041/01** How Organisations Use ICT

Candidates answer on the Question Paper.

**OCR supplied materials:**

- Instructions for Candidates G041/01/IC (inserted)

**Other materials required:**

- Candidates pre-prepared materials for pre-release tasks 1, 2 and 3

**Duration:** 1 hour 30 minutes

**MODIFIED LANGUAGE**



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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**INSTRUCTIONS TO CANDIDATES**

- The Insert will be found in the centre of this document.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- Attach your pre-prepared material for tasks 1–3.
- Do **not** write in the bar codes.

**INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is **100**.
- This document consists of **12** pages. Any blank pages are indicated.

For Examiner's Use		Max
Task 2		15
Task 3		15
1		5
2		5
3		3
4		9
5		10
6		10
7		8
8		10
9		10
Total		100

2  
SECTION A

**This section relates to the case study on Progress Blinds.**

- 1** Sales is one job function in a showroom of Progress Blinds.

Identify the **other** job function in a showroom and describe **four** tasks carried out by this function.

Job function .....

Task 1 .....

.....

Task 2 .....

.....

Task 3 .....

.....

Task 4 .....

.....

[5]

- 2** Describe the role of a Branch Manager in Progress Blinds.

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[5]

- 3 The general public is one type of customer of Progress Blinds.

Identify **one** other type of customer and describe the process for ordering blinds.

type of customer: .....

order process: .....

.....

.....

.....

..... [3]

- 4 Confirmed orders are entered in a sales order processing (SOP) system.

- (a) (i) A button is one type of input method.

Identify **two** other input methods used.

1 .....

2 ..... [2]

- (ii) For **each** input method identify **one** item of information about products that is input.

1 .....

2 ..... [2]

- (b) The final output from the SOP system is an invoice.

Describe the **calculations** carried out by the SOP system to produce an invoice for the supply and installation of **one** blind to be fitted **outside** the recess.

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..... [5]

- 5 A salesperson uses an ICT system to help customers choose the blind(s) they require and then to create a quotation.

Describe **one** example of each of the following for this ICT system:

(i) hardware

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..... [2]

(ii) software

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..... [2]

(iii) input data

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..... [2]

(iv) processing

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..... [2]

(v) output

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..... [2]

- 6** The Sales and Marketing Director of Progress Blinds is concerned that the company's website is not being used to its full potential. One facility that could be introduced is e-commerce.

**(a)** Explain **two** other facilities the website could offer.

1 .....

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2 .....

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[4]

**(b)** Discuss the benefits and limitations of introducing e-commerce.

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**[6]**

- 7 The Operations Director is investigating the introduction of computer-aided manufacturing (CAM) to help the company compete with other companies.

(a) Explain **two** benefits to Progress Blinds of introducing CAM.

1 .....

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2 .....

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[4]

(b) Explain **two** possible impacts on **employees** of introducing CAM.

1 .....

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2 .....

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[4]

## SECTION B

**You do not need the case study or your notes to answer these questions.**

- 8** A company designs and sells suitcases and other items of luggage. The products are manufactured overseas. The company includes departments for research, and for design and development

- (a)** Describe the possible role of each of these departments.

Research .....

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.....

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..... [3]

Design and development .....

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..... [3]

- (b)** Describe **one** output of the design process that the manufacturer would need.

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..... [2]

- (c)** A new luggage design is protected by the Copyright, Designs and Patents Act (1988).

How does this benefit the company?

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..... [2]

9 Most organisations use the internet. Larger organisations also use an intranet.

(a) Describe **two** differences between the internet and an intranet.

1 .....

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2 .....

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[4]

(b) Explain **two** ways an organisation might use an **intranet**.

1 .....

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2 .....

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[4]

(c) Explain **one disadvantage** to an organisation of using an intranet.

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[2]



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