

OXFORD CAMBRIDGE AND RSA EXAMINATIONS
AS GCE
G041/01
APPLIED INFORMATION AND
COMMUNICATION TECHNOLOGY
How Organisations use ICT
FRIDAY 27 MAY 2016: Morning
DURATION: 1 hour 30 minutes
plus your additional time allowance
MODIFIED ENLARGED 24pt

Candidate forename		Candidate surname	
Centre number			

Candidates answer on the Question Paper.

OCR SUPPLIED MATERIALS:
Instructions for Candidates
G041/01/IC (inserted)

OTHER MATERIALS REQUIRED:
Candidate's pre-prepared materials
for pre-release tasks 1, 2 and 3

READ INSTRUCTIONS OVERLEAF



INSTRUCTIONS TO CANDIDATES

The Insert will be found inside this document.

Write your name, centre number and candidate number in the boxes on the first page. 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.

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.

Any blank pages are indicated.

Answer ALL the questions.

SECTION A

This section relates to the case study on Progress Vinyl Music Stores (PVMS).

- 1 The Retail Services Director is responsible for two job functions in head office. One of these is purchasing.**

Identify the OTHER job function in head office that this director is responsible for and describe FOUR tasks performed by this job function.

Job function _____

Task 1 _____

Task 2 _____

Task 3 _____

Task 4 _____

[5]

2 Describe the role of the Purchasing Manager in PVMS.

[illegible]

3 Keeping accounts is an important process in PVMS.

(a) A finance clerk enters sales figures from all the stores into the sales ledger section of the bespoke accounting package.

(i) Describe how these sales figures are obtained.

[2]

(ii) Describe the calculation that takes place when these sales figures are entered.

[2]

(b) Much of the information entered into the accounting package by the finance clerks comes from the stores.

Identify ONE other source of information that is entered.

[1]

(c) The company must pay VAT to HMRC every three months.

Describe how the amount due is calculated.

[3]

(d) Identify ONE other output from the accounting package that is required by HMRC and state its purpose.

[2]

4 **The sales cashier in a store uses an ICT system to TAKE AND RECORD PAYMENTS from customers.**

Describe ONE example of each of the following for this system.

(i) hardware

[2]

(ii) software

[2]

(iii) input data

[2]

(iv) processing

[2]

(v) outputs

[2]

5 All of the computers in the PVMS head office and stores have access to the internet.

(a) Describe TWO DIFFERENT ways that the internet is currently used by the company.

1 _____

2 _____

[4]

(b) The Managing Director has decided not to use e-commerce.

(i) Describe ONE other internet service that PVMS could use.

_____ **[2]**

(ii) Explain ONE benefit and ONE limitation for the company of using the internet service described in PART (b) (i).

Benefit _____

Limitation _____

[4]

- 6

PVMS store managers want a more streamlined system for recording sales.

(a) Explain ONE weakness of the current system for recording sales in a store.
- (b)

(i)

Explain how the system could be improved to make it more streamlined. You should include details of any equipment needed and how it would be used.
- 12

(ii) Explain ONE problem associated with these improvements that may need to be overcome.

[2]

SECTION B

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

QUALITY WALLPAPERS

Quality Wallpapers is a company that designs and manufactures high-quality wallpaper. These designs are registered.

Process control is used to make the wallpaper from a mixture of recycled paper and new materials. A mixture of wood pulp, shredded recycled paper and water is passed through a series of rollers. Sensors measure thickness and water content and feed the values back to a computer system. The values are compared with stored ideal values. If there are differences, signals are sent to adjust the rollers and/or pulp mixture to alter the paper quality.

The finished rolls of paper are then printed with multi coloured designs. The print rollers use four ink colours – cyan, magenta, yellow and black. Expert printers monitor the colour mix on computer screens and make adjustments if necessary.

7 The expert printers at Quality Wallpapers can spend most of their working day looking at a computer screen.

Describe THREE actions that Quality Wallpapers must take to comply with the Health and Safety (Display Screen Equipment) Regulations (1992) in relation to these employees.

1 _____

2 _____

3 _____

[6]

8 Explain how the Copyright, Designs and Patents Act (1988) affects Quality Wallpapers.

[4]

[illegible]

10 Quality Wallpapers uses an ICT system to keep records of staff training. The training records are linked to the personnel (HR) records.

(a) Identify TWO items of information that would ONLY be stored in the training records.

1 _____

2 _____

[2]

(b) Explain ONE way the training records would be used.

_____ **[2]**

END OF QUESTION PAPER

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