

OXFORD CAMBRIDGE AND RSA EXAMINATIONS
General Certificate of Secondary Education

**INFORMATION AND
COMMUNICATION TECHNOLOGY**



2359/02

PAPER 3 (HIGHER TIER)

Wednesday **7 JUNE 2006** Morning 1 hour 15 minutes

Candidates answer on the question paper.
No additional materials are required

Candidate
Name

Centre
Number

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Candidate
Number

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TIME 1 hour 15 minutes

INSTRUCTIONS TO CANDIDATES

- Write your name, Centre number and candidate number in the boxes above.
- Answer **all** the questions.
- Write your answers, in blue or black ink, in the spaces on the question paper.
- Do not write in the bar code. Do not write in the grey area between the pages.
- **DO NOT WRITE IN THE AREA OUTSIDE THE BOX BORDERING EACH PAGE. ANY WRITING IN THIS AREA WILL NOT BE MARKED.**

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- No marks will be awarded for using brand names of software packages or hardware.
- The total number of marks for this paper is **60**.

FOR EXAMINER'S USE		
Question No.	Max. Mark	Mark
1	2	
2	2	
3	2	
4	6	
5	9	
6	5	
7	4	
8	6	
9	6	
10	6	
11	4	
12	8	
TOTAL	60	

This question paper consists of 7 printed pages and 1 blank page.

Answer **all** questions.

- 1 The Police National Computer (PNC) holds data about criminals and crimes. The police archive some of the data.

Describe what the term *archive* means.

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.....
.....
..... [2]

- 2 Explain why an aeroplane flying on autopilot uses real-time processing rather than batch processing.

.....
.....
.....
..... [2]

- 3 Give **two** actions that are illegal under the Computer Misuse Act.

Action 1

.....

Action 2

..... [2]

6 A supermarket uses Electronic Funds Transfer (EFT) to accept payment.

(a) At the checkout, a customer uses a bank card to pay for goods.

Describe the steps that occur after the card is handed to the cashier.

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..... [4]

(b) Give **one** advantage to the supermarket of using EFT instead of accepting cheques for payment of goods.

.....
..... [1]

7 LANs and WANs are different types of network.

Describe the features of these two types of network.

LAN

.....
.....
..... [2]

WAN

.....
.....
..... [2]

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