

MARK SCHEME for the October/November 2012 series

**0417 INFORMATION AND COMMUNICATION
TECHNOLOGY**

0417/02

Paper 2, maximum raw mark 80

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the October/November 2012 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.

Page 2	Mark Scheme	Syllabus	Paper
	IGCSE – October		

name left
mark

candidate no centre

Centre no right 1

name

Tawara Star Family Cars

Latest Company News by: Name

Section break after titles 1
mark
2 columns and 1 cm space 1
mark

Title entry – 100% accurate, formatted and centre aligned 2
marks

park just outside the
Micro range is on sale.

This is a photo of the
show room that we
have opened. Here
you can find the full
range of the latest
Micro models. These
small cars are ideal for the family to use in town
and country.



Spelling errors corrected 1
mark

is the sole

franchisee for the Lola Motor Corporation's
of eco-friendly family cars. These cars are aimed at
the new-owner segment of the market, starting
with economy models affordable by all. Despite
being economical to buy and run, these cars are
built with long life in mind, using state of the art
manufacturing technologies. These are designed
with a sturdy build to give simple servicing and
economical repairs, so that the owner can enjoy
years of worry free motoring or expect a good
resale value based on a quality product.

is achieved through the use of a light pressure

RTF file found and inserted in correct place 1 mark
(Two paras)
Body text to match body 1 mark
Subheads to match subheadings style 1 mark

The MicroZed

our diesel powered model. It is equipped
with a rail direct injection diesel engine
as well as having many optional extras that can be
fitted at the factory.

The MicroEco

The Micro and MicroB

The MicroB is the baby of the family, but it can
still easily carry four adults. With three and four
door versions it meets a range of demands. The
engine

Body text:
14 point serif font 1
mark
Single linespaced 1
mark
Fully justified 1
mark
One blank linespace after each paragraph 1
mark

This special edition has a larger, four
cylinder engine designed with fuel
economy in mind. It also features a hybrid tech

All subheads identified and formatted
14 pt italic serif font, centre aligned

Powered by electric motors from the on-board
batteries, this car will take you almost silently
round town. Acceleration is comparable to the
diesel model. A full charge can be made over night
and as charging points in the town become more
common, can be topped up while you shop. It is
not just for running around town. It will take you
up to sixty miles between charges. This really is
the clean and environmentally friendly solution to
modern motoring.

Page 3	Mark Scheme	Syllabus	Paper
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Text added

1 mark

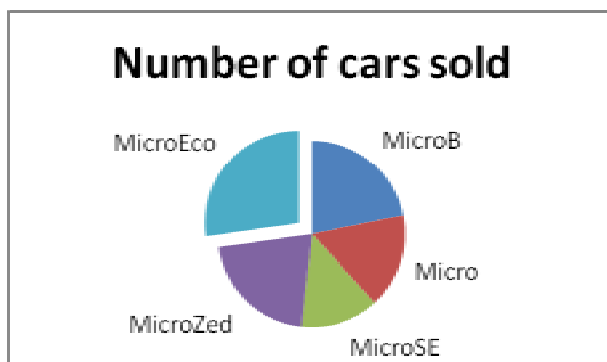
name

Candidate number

Centre number

Sales Report

Sales of the MicroEco by our sales team in Spain are really taking off.



The whole range of the new Micros is selling well. We include here a chart to show how well each model is performing.

Chart:

- Pie chart created 1 mark
- Title as given 100% accurate 1 mark
- Series labels in full 1 mark
- Segment withdrawn/highlighted 1 mark
- No legend 1 mark
- Inserted in correct place 1 mark
- Resized to fit in column 1 mark

Jx11cars_v2 Query2

Sales person	Model	Price	Sum	Count
Leon	MicroEco	€13,000.00	€39,000.00	3
Machado	MicroEco	€13,000.00	€52,000.00	4
Marcos	MicroEco	€13,000.00	€52,000.00	4
Sanchez	Micro	€13,000.00	€195,000.00	15
Villalobos	Micro	€13,000.00	€91,000.00	7

Database extract

- Summary of MicroEco, Sold in Madrid 1 mark
- Model, Price, Salesperson, Count and Sum fields displayed 1 mark
- Inserted in correct place 1 mark
- Sum of sales 1 mark
- Count of sales 2 marks
- Resized to fit in column 1 mark

Page layout

- A4 portrait 1 mark
- Margins all 2 cms 1 mark
- No widows / orphans
- No split tables/charts/images 1 mark
- Document complete 1 mark

Footer

Date left

Page number centre aligned 1 mark

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Examinations 2012

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Name, centre no, candidate no

List of MicroSE cars in stock

Report title 1 mark

Candidate details at top of report mark 1

Location	VIN	Model	Power	Engine_size	Price	Colour	Sold
Hamburg	376A15423011	MicroSE	H	900	€12,000.00	Gold	No
Hamburg	372B15423019	MicroSE	H	900	€12,000.00	Blue	No
Hamburg	373C15423015	MicroSE	H	900	€12,000.00	Gold	No
Hamburg	372B15423012	MicroSE	H	900	€12,000.00	Red	No
Hamburg	372B15423002	MicroSE	H	900	€12,000.00	Green	No
Hamburg	373A15423001	MicroSE	H	900	€12,000.00	Gold	No
Hamburg	375C15423020	MicroSE	H	900	€12,000.00	White	No
Hamburg	376A15423015	MicroSE	H	900	€12,000.00	Red	No
Hamburg	377C15423015	MicroSE	H	900	€12,000.00	Green	No
Hamburg	377A15423019	MicroSE	H	900	€12,000.00	Silver	No
Hamburg	377A15423017	MicroSE	H	900	€12,000.00	Red	No
London	377B15423014	MicroSE	H	900	€12,000.00	Red	No
London	377A15423004	MicroSE	H	900	€12,000.00	Green	No
London	377A15423003	MicroSE	H	900	€12,000.00	Green	No
London	377A15423001	MicroSE	H	900	€12,000.00	Gold	No
London	376B15423017	MicroSE	H	900	€12,000.00	Blue	No
London	377B15423012	MicroSE	H	900	€12,000.00	Silver	No
Madrid	373A15423001	MicroSE	H	900	€12,000.00	Green	No
Madrid	373A15423004	MicroSE	H	900	€12,000.00	Silver	No
Madrid	371B15423004	MicroSE	H	900	€12,000.00	Blue	No

Page orientation landscape 1 mark
Only these 8 fields (any order) 1 mark
Labels and data fully visible 1 mark
Fits one page wide 1 mark

Selected records
MicroSE and
NOT sold 2 marks

Records sorted
on Location ascending 1 mark

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Name, centre no, candidate no

Location	VIN	Model	Power	Engine_Size	Price	Colour	Sold
Madrid	372B15423018	MicroSE	H	900	€12,000.00	Silver	No
Madrid	374C15423007	MicroSE	H	900	€12,000.00	Red	No
Madrid	375C15423019	MicroSE	H	900	€12,000.00	Green	No
Madrid	375C15423012	MicroSE	H	900	€12,000.00	Blue	No
Madrid	375C15423016	MicroSE	H	900	€12,000.00	Red	No
Madrid	377A15423002	MicroSE	H	900	€12,000.00	Silver	No
Madrid	377B15423017	MicroSE	H	900	€12,000.00	White	No
Paris	371A15423015	MicroSE	H	900	€12,000.00	Green	No
Paris	374B15423015	MicroSE	H	900	€12,000.00	Silver	No
Paris	372B15423014	MicroSE	H	900	€12,000.00	Gold	No
Paris	371B15423014	MicroSE	H	900	€12,000.00	Silver	No
Paris	374A15423014	MicroSE	H	900	€12,000.00	White	No
Paris	375C15423009	MicroSE	H	900	€12,000.00	White	No
Paris	372B15423001	MicroSE	H	900	€12,000.00	Silver	No
Paris	376C15423010	MicroSE	H	900	€12,000.00	Red	No
Paris	372C15423009	MicroSE	H	900	€12,000.00	Blue	No
Rotterdam	373A15423013	MicroSE	H	900	€12,000.00	White	No
Rotterdam	373B15423011	MicroSE	H	900	€12,000.00	Blue	No
Rotterdam	374A15423018	MicroSE	H	900	€12,000.00	Green	No
Rotterdam	374B15423007	MicroSE	H	900	€12,000.00	White	No
Rotterdam	375C15423010	MicroSE	H	900	€12,000.00	Green	No
Rotterdam	377C15423017	MicroSE	H	900	€12,000.00	White	No

Page 6	Mark Scheme	Syllabus	Paper
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Name, centre no, candidate no

Location	VIN	Model	Power	Engine_Size	Price	Colour	Sold
Rotterdam	376B15423003	MicroSE	H	900	€12,000.00	Gold	No
Rotterdam	377B15423010	MicroSE	H	900	€12,000.00	Blue	No
Rotterdam	377C15423013	MicroSE	H	900	€12,000.00	Gold	No
Rotterdam	375A15423016	MicroSE	H	900	€12,000.00	White	No

Name and details

Hybrid power cars

46

22 October 2010

Page 3 of 3

Count of records = 46
mark 1
Label: Hybrid power cars (100% accurate)
mark 1

Page 7	Mark Scheme	Syllabus	Paper
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Name, centre no, candidate no

Sales discounts for Algier

Report title as given (100% accurate) 1 mark

Sales_person	Model	Price	Discount_applied	Date_sold	discount_value	Sold
Algier	MicroZed	€11,000.00	0	02/01/2012	€0.00	Yes
Algier	MicroZed	€11,000.00	5	03/02/2012	€50.00	Yes
Algier	MicroB	€7,500.00	0	03/02/2012	€0.00	Yes
Algier	MicroSE	€12,000.00	10	07/02/2012	€1,200.00	Yes
Algier	Micro	€8,500.00	15	08/03/2012	€1,275.00	Yes
Algier	MicroZed	€11,000.00	20	10/03/2012	€2,200.00	Yes
Algier	MicroZed	€11,000.00	10	07/04/2012	€0.00	Yes
Algier	MicroEco	€13,000.00	10	07/04/2012	€50.00	Yes
Algier	MicroSE	€12,000.00	10	07/04/2012	€1,200.00	Yes
Algier	MicroZed	€11,000.00	10	09/04/2012	€1,100.00	Yes
Algier	Micro	€8,500.00	10	03/05/2012	€850.00	Yes
Algier	MicroZed	€11,000.00	10	06/05/2012	€1,100.00	Yes
Algier	Micro	€8,500.00	10	08/05/2012	€850.00	Yes
Algier	MicroSE	€12,000.00	10	09/05/2012	€1,200.00	Yes

Only these fields 1 mark

Sorted date sold ascending 1 mark

Name, Centre number, candidate number
24 September 2012 Page 1 of 1

Candidate details 1 mark

Discounts given €13,275.00

Discount value calculated 2 marks

Selection criteria

Sold = yes 1 mark
Date in 2012 1 mark
Sales person is Algier 1 mark

Three records edited 100% correct 3 marks

All currency values formatted as Euros +2dp 1 mark

Sum of Discount value 2 marks
Label: Discounts given (100% accurate) 1 mark

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Name, centre no, candidate no

Evidence document

The five files saved in work area.

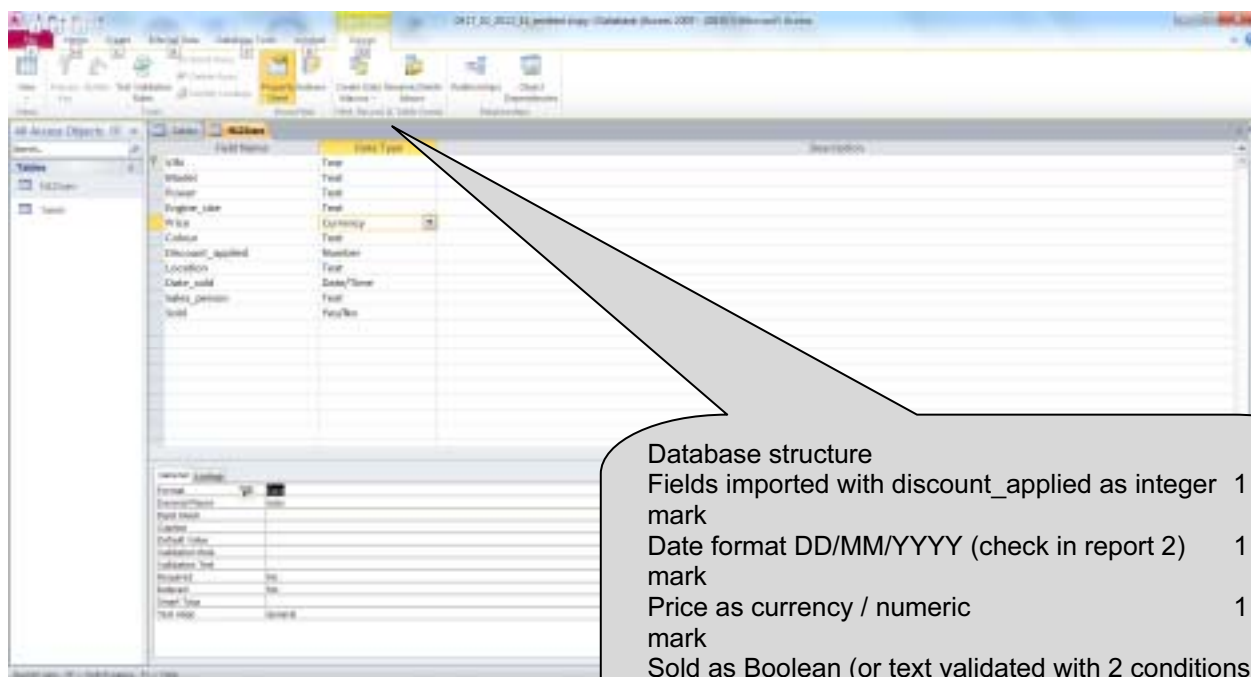
File list

1 mark

Contact details

Sebastian Felin
Sales Director
felin.s@cie.org.uk

Contact name and job title with email address 2 marks

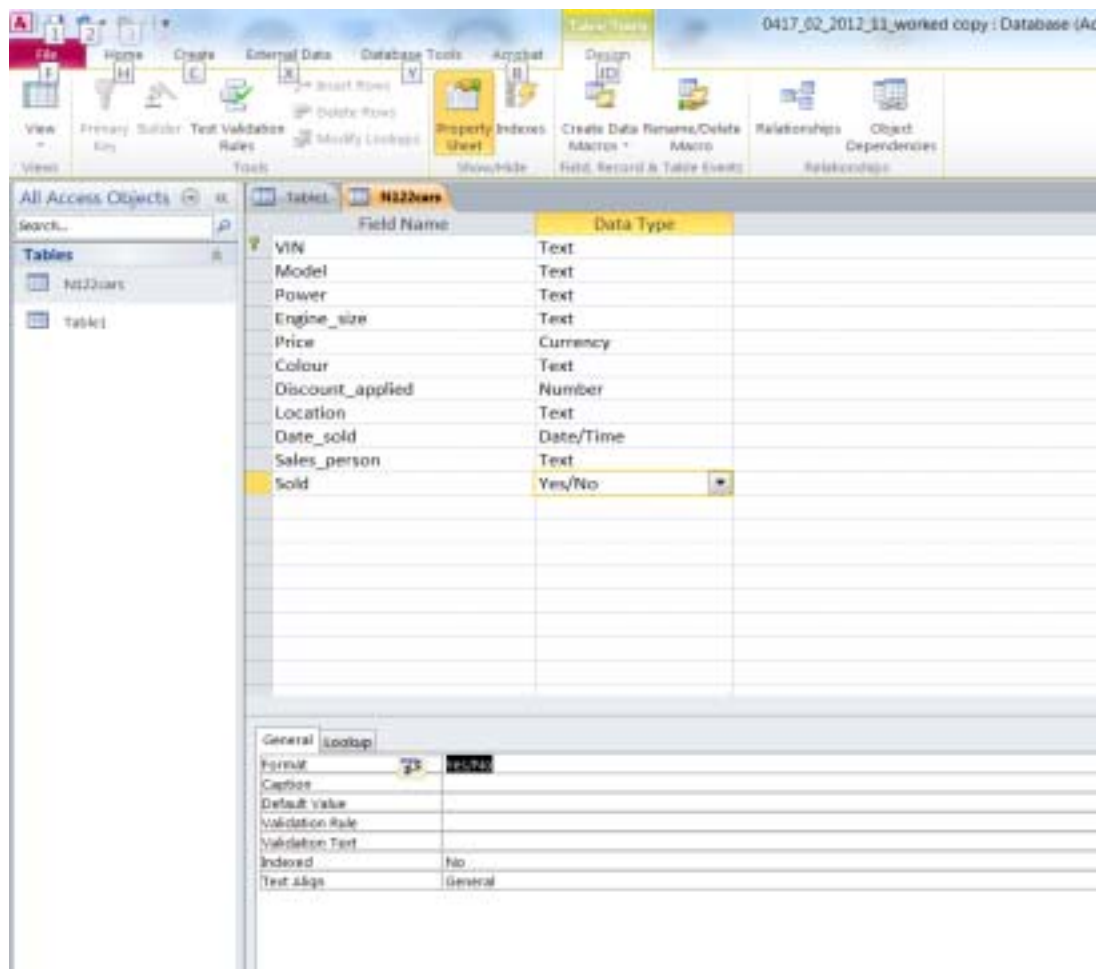
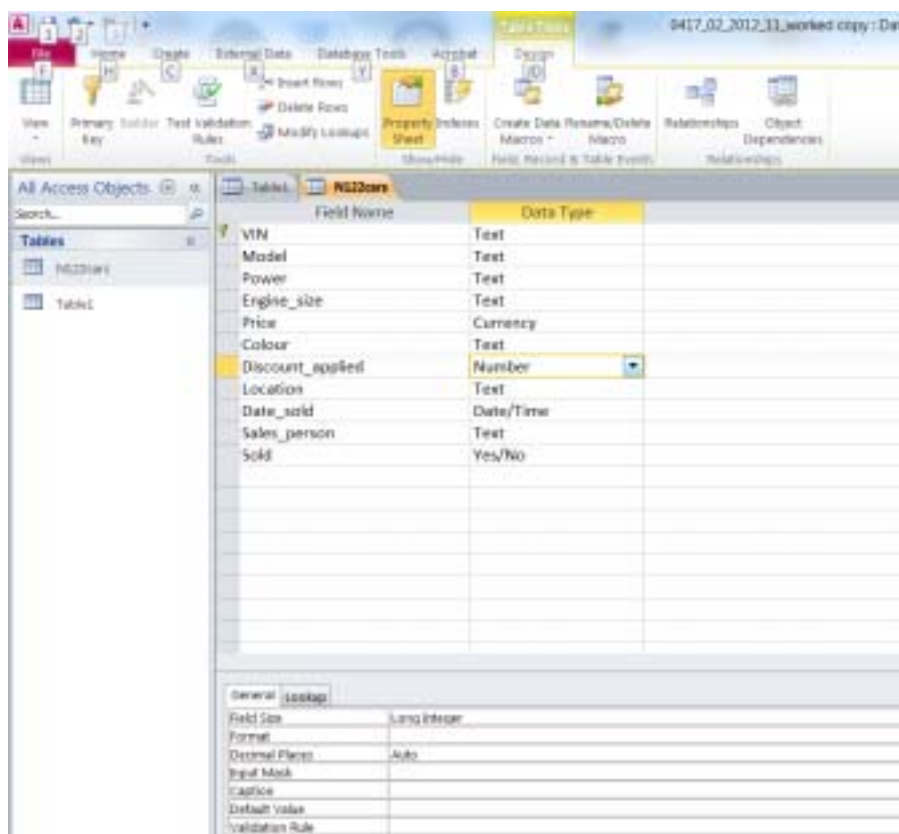


Database structure
Fields imported with discount_applied as integer 1 mark
Date format DD/MM/YYYY (check in report 2) 1 mark
Price as currency / numeric 1 mark
Sold as Boolean (or text validated with 2 conditions) 2 marks

Database structure

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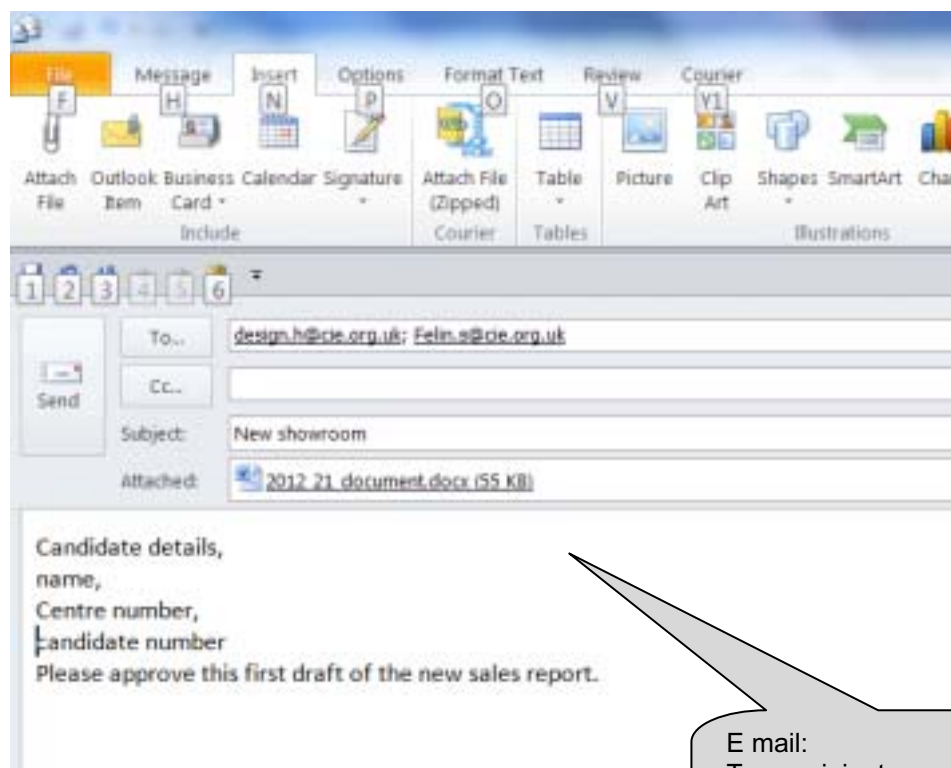
Name, centre no, candidate no



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Name, centre no, candidate no

Email



E mail:
 Two recipients 2 marks
 Subject 1 mark
 Attached document file 1 mark
 Message text 1 mark