

MARK SCHEME for the March 2015 series

**0417 INFORMATION AND COMMUNICATION
TECHNOLOGY**

0417/21

Paper 2 (Practical Test A), 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 March 2015 series for most Cambridge IGCSE[®] components.

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File name and full path

Centre No. & Candidate No.

Tea Production in India

Title
 Data entry 100% accurate, centre aligned 1 mark
 48 pt, serif & underlined 1 mark

Report by: Candidate name

Subtitle
 Data entry 100% accurate right aligned, 1 mark
 24 pt serif Italic 1 mark

Page break to new page 1 mark

Footer
 Name left, Date centre, page number right 1 mark

Candidate name

Date

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Centre No. & Candidate No.

File name and full path

International Teas

We specialise in growing fine teas from all producing areas of India. The different types of tea and geographical conditions. The finest teas are still plucked by hand, but for lower grades, hand shears or tractors are used depending on the terrain. Of course, machine picking or cutting is used for some types of tea used in teabags.

Our catalogue that we offer a huge number of tea varieties in a wide range of qualities up to the very highest and most sought after. It shows the number of varieties of teas we hold per country and the value of that stock:

A15Prods Query2		
Country	CountOfProduct	SumOfStock
Ceylon	20	4421
China	46	8258
India	56	9577

Tea Production

India is one of the largest tea producing countries in the world. While

- Database summary extract 1 mark
- Inserted in correct place in document 1 mark
- Counts Products 1 mark
- Sums value of products in stock 1 mark
- Selects only these three countries 1 mark
- (Formatting not specified)

Tea Producing Regions

- Kangra – North India
- Darjeeling and Assam – North east India
- Nilgiri - South west India

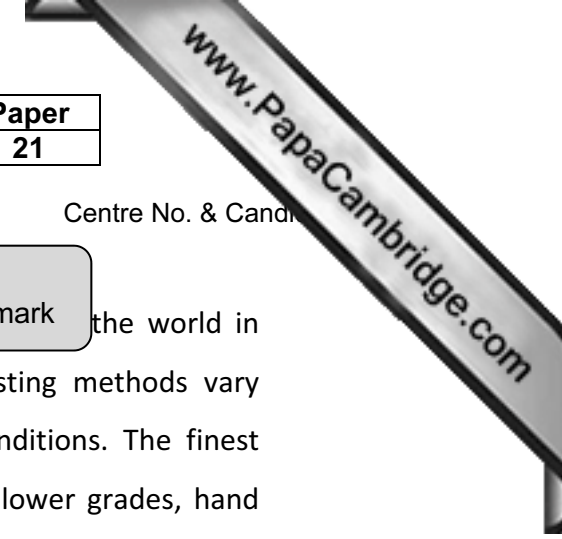
Home Consumption of Tea

70% of the home production is consumed within India. It is estimated that some 90% of Indian households

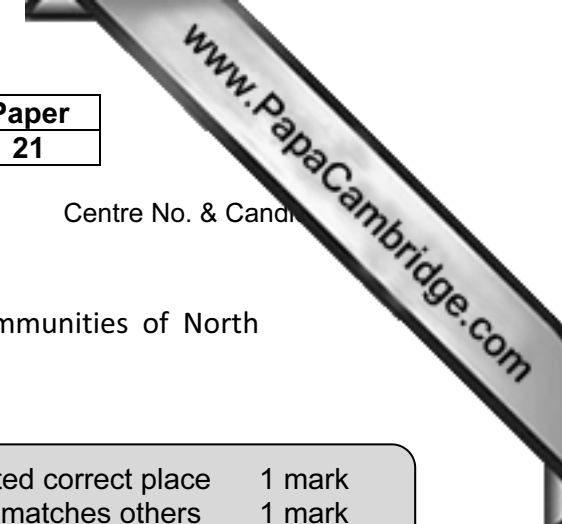
- Page layout A4 landscape 1 mark
- Margins all 4 cm mark from screenshot in evidence document

Candidate name

Date



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are regular tea drinkers. Some teas, such as Darjeeling, are grown exclusively in India. They are regulated and certificated for authenticity by the Tea Board of India. The Indian production companies have come to own many worldwide brands.



Tea is consumed in almost all parts of the world. In India, it is where it is purchased from stalls that are to be found in most urban streets. It is generally served with milk and sugar with the leaves being boiled again with the milk and sugar and left in the infusion. The leaves are then strained before serving. Some regional and cultural variations on tea include 'Masala Chai' and 'Kadak Chai'. This latter is a strong,

almost bitter tea of the mountain communities of North India.

Masala Chai

'Masala' means 'a blend of spices'. So, Masala Chai is literally 'spiced tea'. Our take on premium Darjeeling cardamom and ginger. flavour (without being aromatic finish. We suggest two heaping teaspoons per cup, boiling water for 7-10 minutes. Add sugar, cream or soy if desired.

File inserted correct place 1 mark
 Subhead matches others 1 mark
 Text matches body 1 mark

Image inserted correct place 1 mark
 Aligned to top of text and left margin 1 mark
 Text is wrapped 1 mark
 Image resized to fill half column width with aspect ratio maintained 1 mark

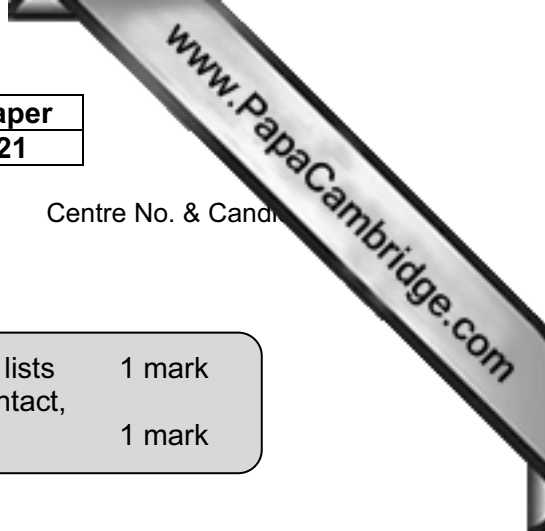
Tea production this year

This year production has been good in the north of the country due to well-timed monsoon rains. This has led to an increase in yields of some 6% year on year. Drought

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conditions in the south have caused a drop in production. The drought was followed by low temperatures and heavy rains. These conditions led to lower production by some 5%. Overall, though, tea production nationally has increased this year. Tea prices have held up and increased in most auctions over last year. Despite increasing tea production, India still imports some tea, while exporting to new and emerging markets such as Iran.

No widows or orphans, no split tables or lists 1 mark
 Document is complete and paragraphs intact, no blank pages 1 mark

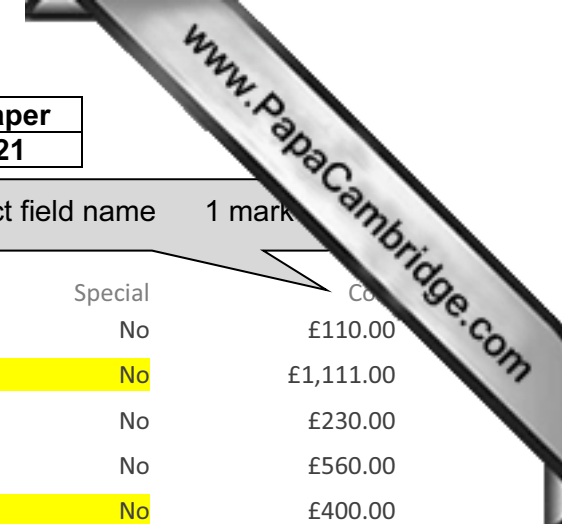
Key staff in the companies

Hothouse Design	Role	International Teas
Joginder	Document Production	Jagdesb
Jamal	Database Design	Sara
Indira	On-line Security	Suresh

Table created in correct place within column width 1 mark
 Enter text in table 1 mark
 Text matches body 1 mark
 Top row text only bold and centred 1 mark
 Top row only shaded light grey 1 mark
 All gridlines visible and outside border only a thick line 1 mark

Candidate name

Date



Products to be reordered

Code	Country	Product	Stock	Reorder	Price	Special	Cost
77	Ceylon	Mahadowa BOP	50	50	£2.20	No	£110.00
353	China	Ring of Jade	25	50	£22.22	No	£1,111.00
124	China	Gu Zhang Mao Jian	35	50	£4.60	No	£230.00
307	China	Huiming Temple Tea	35	50	£11.20	No	£560.00
354	India	Nahorabi SFTGFOP	35	50	£8.00	No	£400.00
352	India	Happy Valley FTGFOP	49	50	£3.20	No	£160.00
31	India	Dooars Satali FTGFOP	1	50	£3.30	No	£165.00
29	India	Sikkim Temi FTGFOP	19	50	£4.90	No	£245.00
60	India		33	50	£2.30	No	£115.00
50	India		47	50			£190.00
8	India		11	50	£5.00	No	£250.00
7	India		32	50	£4.90	No	£245.00
89	Tanzania		25	50	£2.00	No	£100.00

Title – correct, 100% accurate 1 mark

Correct field name 1 mark

3 records added, 100% accurate 3 marks
 Sorted by Country ascending 1 mark
 Specified fields in correct order 1 mark
 Data and labels all fully visible 1 mark
 Landscape, 1 page wide 1 mark

Calculated field 1 mark

Search
 Stock is 50 or less 1 mark
 Special is No 1 mark

Candidate details bottom left 1 mark

Calculated field sum of Cost 1 mark
 Label 100% accurate 1 mark

Currency values formatted as £ to 2 decimal places consistently 1 mark

Total cost of order £3,881.00

candidate name, Centre number and candidate number

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Records selected on India,	1 mark	Title on each label <i>Special Indian Teas</i>	
Special= Yes	1 mark	Four fields as specified	
Labels 2 side by side on portrait page	1 mark	With notes fully visible	1 mark
Sorted by <i>Product</i> ascending order	1 mark	Field labels created consistently	1 mark
		Candidate details on each label	1 mark

Special Indian Teas
Code 39
Product Hajua 'Shelter of the Swans'
SFTGFOP
Price 9.5
Notes This garden produces wonderfully tippy hand twisted leaves but unfortunately in very small amounts
Candidate name, Centre number, candidate number

Special Indian Teas
Code 37
Product Madoorie Golden Tips
Price 24
Notes This tea is not available anywhere but ICT Teas making it the world's most exclusive speciality
Candidate name, Centre number, candidate number

Special Indian Teas
Code 43
Product Mangalam SFTGFOP
Price 6
Notes Rich ripe infusion and fine body
Candidate name, Centre number, candidate number

Special Indian Teas
Code 347
Product Phuguri Supreme
Price 16
Notes An aroma that evokes the pure air of the Himalayas
Candidate name, Centre number, candidate number

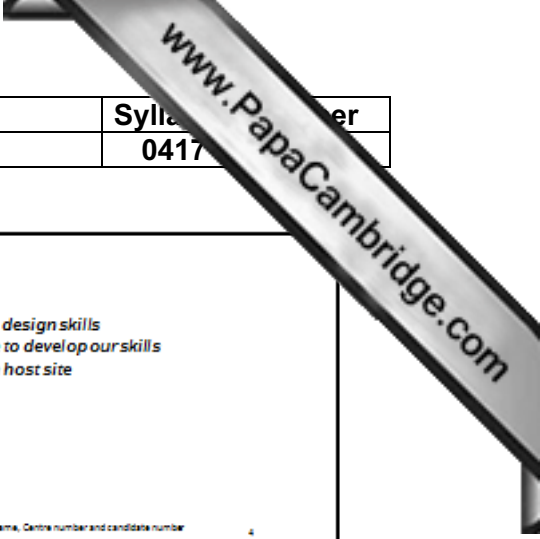
Special Indian Teas
Code 349
Product Pussimbing Supreme
Price 16
Notes An outstanding flavoured tea with the bonus of also being organic
Candidate name, Centre number, candidate number

Special Indian Teas
Code 272
Product Singbulli Champagne Oolong
Price 16
Notes Prepared by hand with the finest leaves
Candidate name, Centre number, candidate number

Special Indian Teas
Code 293
Product Singell Organic SFTGFOP
Price 5.2
Notes Full bodied fruity infusion with the taste full of the sun
Candidate name, Centre number, candidate number

Special Indian Teas
Code 348
Product Tumsong Supreme
Price 16
Notes Exceptionally complex flavour reminding one of blackcurrant bushes and muscatel wine
Candidate name, Centre number, candidate number

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Developing a Website
Report by Name of candidate

Candidate name, Centre number and candidate number

Web hosting

- We do not have web design skills
- We do not have time to develop our skills
- We need to rely on a host site

Candidate name, Centre number and candidate number

New slide inserted
 Layout as title and subtitle 1 mark
Developing a Website/Report by Name
 Text entered 100% accurately 1 mark

Sales development proposals

- We need to reach new customers
- We need to increase sales

Candidate name, Centre number and candidate number

Hothouse Design web hosting

- provide specialist design teams
- will work with us
- will design the website

Candidate name, Centre number and candidate number

Sales on the Web

- We will set up a website
- to increase global awareness
- to develop on-line sales

Candidate name, Centre number and candidate number

Support for website

- Set up and maintain the on-line database
- Be responsible for secure shopping
- Liaise with us for development issues

Candidate name, Centre number and candidate number



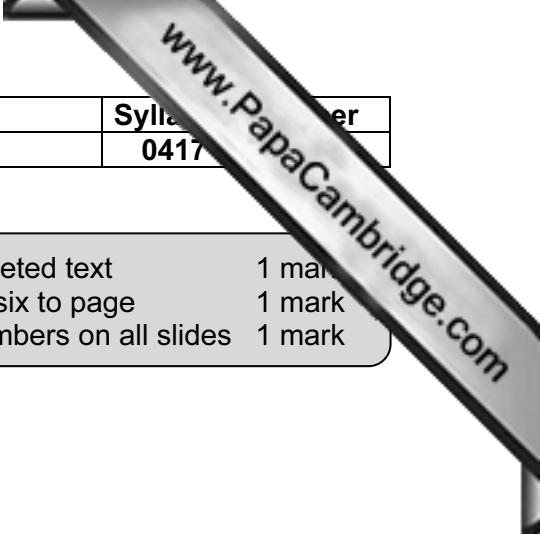
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Suggested styles for comment

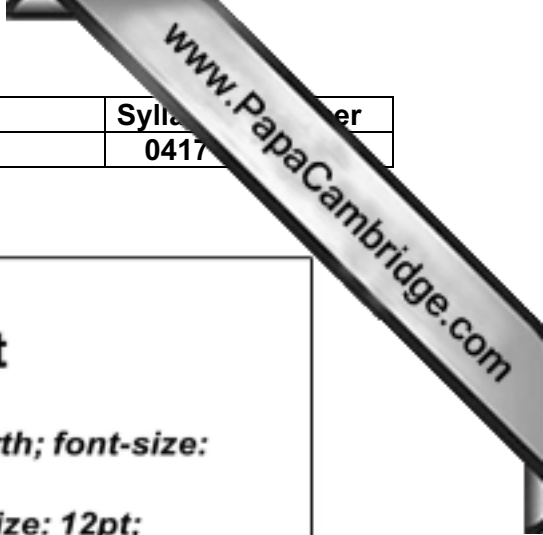
- * h1 { color: #000000; font-family: Charlesworth; font-size: 36pt; text-align: center; font-weight: bold }
- * H { color: #003399; font-family: Arial; font-size: 12pt; text-align: left }

Candidate name, Date, number and candidate number

Text imported as titles & bulleted text 1 mark
 Slides printed as hand outs six to page 1 mark
 Name on all slides, slide numbers on all slides 1 mark



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Suggested styles for comment

- *h1* { color: #000000; font-family: Charlesworth; font-size: 36pt; text-align: center; font-weight: bold }
- *li* { color: #003399; font-family: Arial; font-size: 12pt; text-align: left }

Candidate name, Centre number and candidate number

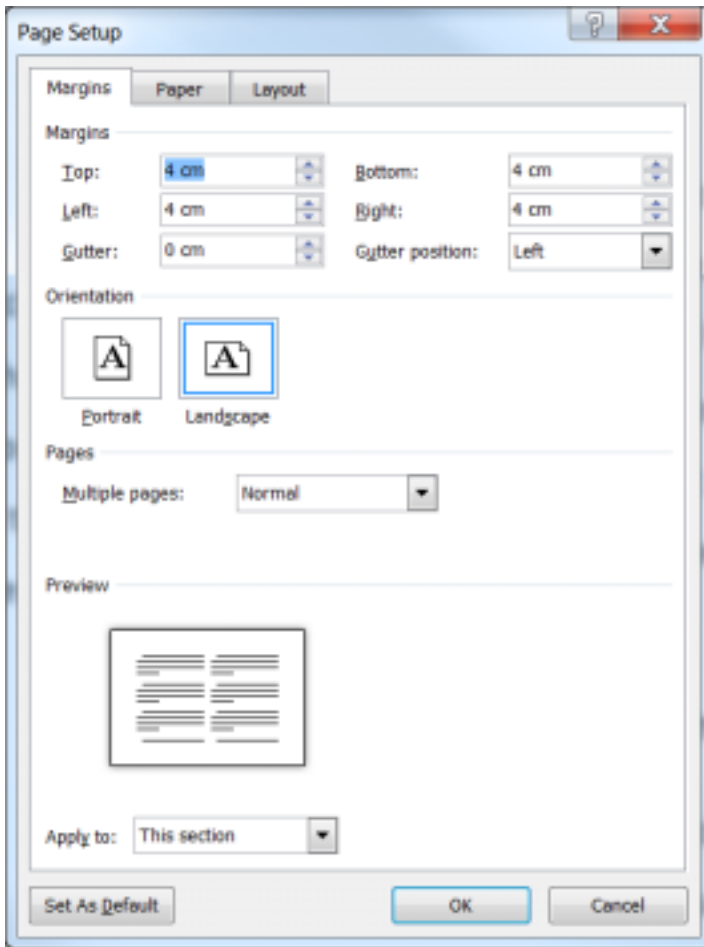
7

We are suggesting some changes to styles for the web pages.

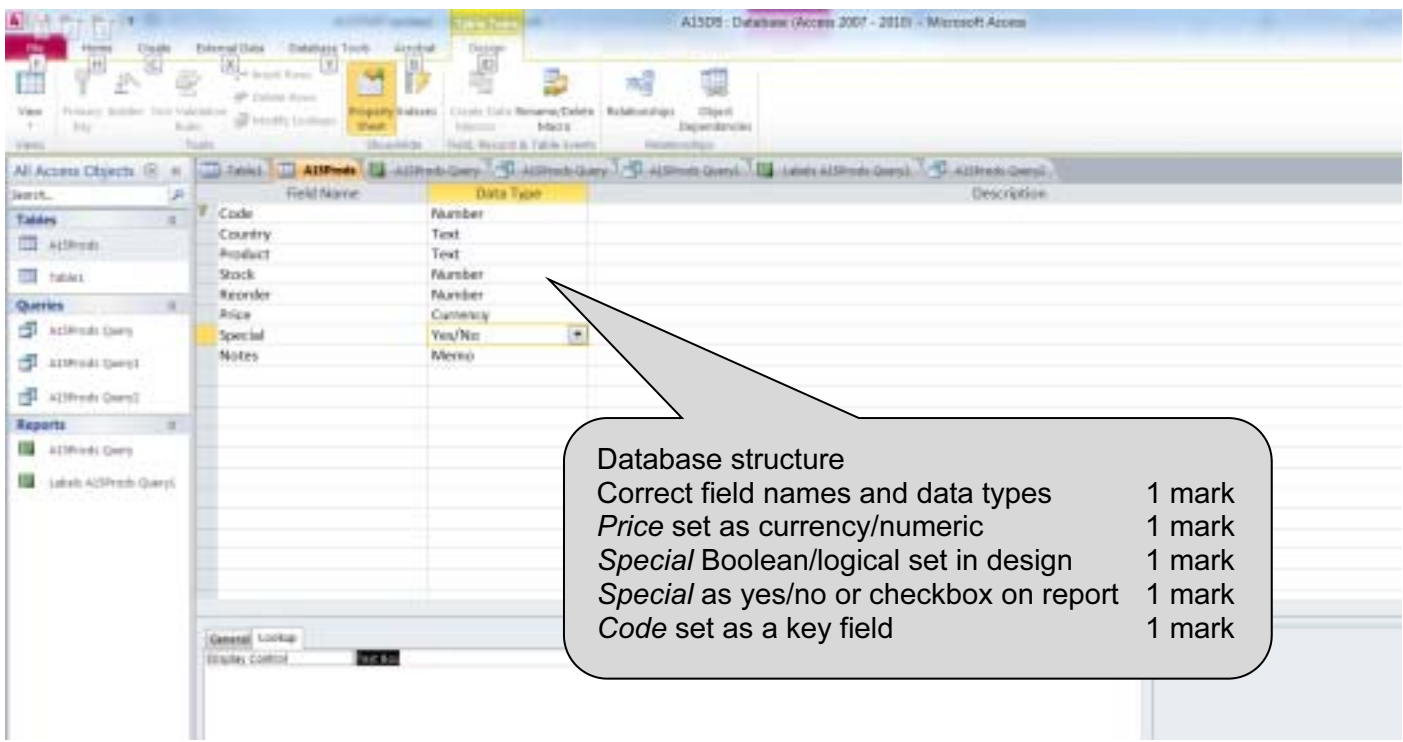
Single slide printed with presenter notes visible	1 mark
Presenter notes added	1 mark

Errors corrected in CSS syntax	
<u>h1</u>	
colour to color	1 mark
# added to hex code	1 mark
centre to center	1 mark
<u>li</u>	
letf correct to left	1 mark

Candidate name, Centre number and candidate number



Margins evidence 1 mark



Database structure
 Correct field names and data types 1 mark
 Price set as currency/numeric 1 mark
 Special Boolean/logical set in design 1 mark
 Special as yes/no or checkbox on report 1 mark
 Code set as a key field 1 mark

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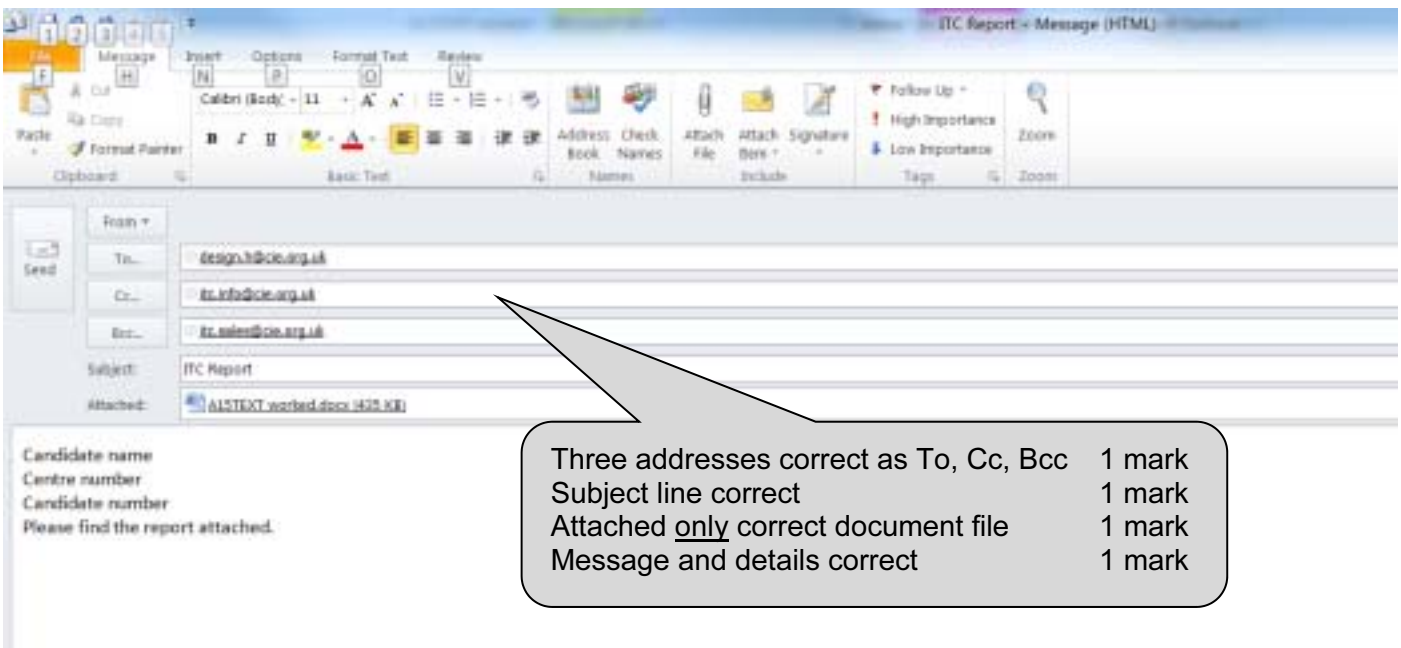
Candidate name, Centre number and candidate number



Sales on the Web

- 1 • **We will set up a web site**
- 2 • **to increase global awareness**
- 3 • **to develop on-line sales**

Transitions evidence 1 mark
Animation evidence 1 mark



Three addresses correct as To, Cc, Bcc 1 mark
Subject line correct 1 mark
Attached only correct document file 1 mark
Message and details correct 1 mark