



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
International General Certificate of Secondary Education

CANDIDATE
NAME

CENTRE
NUMBER

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CANDIDATE
NUMBER

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INFORMATION AND COMMUNICATION TECHNOLOGY

0417/03

Paper 3 Practical Test

October/November 2012

2 hours 30 minutes

Additional Materials: Candidate Source Files

READ THESE INSTRUCTIONS FIRST

Make sure that your **Centre number**, **candidate number** and **name** are written at the top of this page and are clearly visible on every printout, before it is sent to the printer. Printouts with handwritten information will **not** be marked.

DO **NOT** WRITE IN ANY BARCODES.

Carry out **every** instruction in each step.

Steps are numbered on the left hand side of the page. On the right hand side of the page for each step, you will find a box which you can tick (✓) when you have completed it; this will help you track your progress through the test.

At the end of the exam put this **Question Paper** and **all** your printouts into the Assessment Record Folder.

If you have produced rough copies of printouts, these should be neatly crossed through to indicate that they are **not** the copy to be marked.

This document consists of **7** printed pages and **1** blank page.



You work for Hothouse-Global-Properties who sell properties around the world.

✓

- 1 Create a new word processed document.
- Save this with the filename **N2EVIDENCE**
- You will use this to store evidence during the examination.
- Place your name, Centre number and candidate number in the header of this document.
- 2 Create new folders called **N32**, **NS32** and **NP32** in your work area.
- 3 Open the webpage **<http://www.hothouse-design.co.uk/downloadN2012>**
- 4 Download and save the files **N2PROPERTY.CSV** and **N2LOCATION.CSV** into your *NS32* folder.
- 5 Download and save the file **N2PRES3.RTF** into your *NP32* folder.
- 6 Download and save the following files into your *N32* folder:

N2BANNER.PNG

N2BOTTOM3.HTM

N2BUTTON1.PNG

N2BUTTON2.PNG

N2BUTTON3.PNG

N2BUTTON4.PNG

N2BUTTON5.PNG

N2BUTTON6.PNG

N2BUTTON7.PNG

N2BUTTON8.PNG

N2BUTTON9.PNG

N2FOOTER.PNG

N2HGP.PNG

N2IMG1.JPG

N2IMG2.JPG

N2IMG3.JPG

N2IMG4.JPG

N2IMG5.JPG

N2PAGE3.HTM

N2STAR.PNG

N2STYLE3.CSS

Your manager has asked you to manipulate a spreadsheet about some properties for sale in Hong Kong.

✓

- 7 Using a suitable software package, load the file **N2PROPERTY.CSV**
- 8 Place your name, candidate number and Centre number on the left in the header. Place the full file path and filename in the centre of the footer.
- 9 In cell D2 use a lookup function to show the name of the area in which the property is located. Use the *Area code* column for the lookup value and the file **N2LOCATION.CSV** for the array.
- This function must include both absolute and relative referencing and must not use a named range.
- 10 In cell I2 use a formula to calculate the price per square foot (sq ft) of the property.
- 11 Format all numeric values in column H into dollars with no decimal places.
- 12 In cell J2 use a formula to calculate the sales commission on this property. The sales commission is \$10,000 plus:
- If the property has an *Area (sq ft)* of less than or equal to 500 square feet (sq ft), 5% of the *Price*
 - If the property has an *Area (sq ft)* greater than 500 square feet (sq ft) and less than 4000 square feet (sq ft), 7.5% of the *Price*
 - If the property has an *Area (sq ft)* greater than or equal to 4000 square feet (sq ft), 10% of the *Price*
- 13 In cell K2 use a formula for this property to add the *Sales commission* to the *Price* to give the *Cost to customer*
- 14 Replicate these 4 formulae for each of the properties.
- 15 In cell K75 use a function to calculate the total cost of all properties for sale.
- 16 Set the page orientation to landscape.
- 17 Save and print the data model showing the formulae used. Make sure that the contents of all cells are fully visible and that the printout fits on two pages wide.
- 18 Format all numeric values in columns I, J and K into dollars with no decimal places.
- 19 Format all the cells in the top row to make them centre aligned, bold and italic.
- 20 Save the data model and print it showing the values. Make sure that the contents of all cells are fully visible and that the printout fits on a single page wide.
- 21 Hide columns B, C, H, I and J.
- 22 Interrogate the data to find all the properties where the *Total Price* is less than \$10,000,000
- 23 Save the data model with a new filename and print this data.
- 24 Open the data model that you saved in step 20.
- 25 Interrogate the data, to find all the properties in any part of Kowloon.

- 26 Show only the data in columns A, B, D, E, H and I.
- 27 Sort the property details into descending order of *Price*
- 28 Save the data model with a new filename and print this data, showing row and column headings.

You are going to create a new website about some of their properties for sale in Europe.

This website must open in any browser. The homepage will have two separate tables and look like this:

A	B	
	C	
D	I	
E		
F	J	K
G		
H		
L		

- 29 Using a suitable software package, create a new webpage called **N2HGP3.HTM** in your *N32* folder.
Attach the stylesheet **N2STYLE3.CSS** to this webpage.
- 30 Create the top table with 2 rows and 2 columns as shown.
- 31 Align this table with the centre of the window.
- 32 Set the table width to 750 pixels.
- 33 Set the cell padding and cell spacing of the table to 3 pixels.
- 34 Place the image **N2HGP.PNG** in cell A.
- 35 Resize this image so that it becomes 250 pixels high and 240 pixels wide.
- 36 Place the image **N2BANNER.PNG** in cell B.
- 37 In cell C insert the text:
Across 5 continents
Apply style h1 to this text.



- 38 In cell C, below the text entered in step 37, insert the text:
Last edited by and your name, Centre number and candidate number.
Apply style p to this text.
- 39 Set the background colour of this table to red with no other colour components.
- 40 Create the bottom table using the contents of **N2BOTTOM3.HTM**
- 41 Align the bottom table with the centre of the window.
- 42 Set the table width of the bottom table to 750 pixels.
- 43 Set the cell padding and cell spacing of the table to 3 pixels.
- 44 Set the background colour of this table to blue with no other colour components.
- 45 Look at the button images that you downloaded in step 6.
In cells D, E, F, G and H replace the name of the country with the appropriate button.
You may need to research this information electronically.
- 46 In cell I replace the text *Star properties* with the image **N2STAR.PNG**
- 47 In cell J replace the text *House image here* with an appropriate image of a house from the images provided.
- 48 In cell K replace the words *Text here* with an unordered list containing:
- built 1945
 - 5 bedrooms
 - renovated
 - conservatory
 - garden
- 49 In cell L replace the text *Footer* with the image **N2FOOTER.PNG**
- 50 Create a hyperlink from the image placed in cell D to point to the file **N2PAGE3.HTM** which should open in a new window called **_belgium**
- 51 Save the webpage and print a copy of the HTML source.
- Open this page in your web browser. Place screenshot evidence of this page in your evidence document.
- You may use more than one printout to make sure that the entire page is visible.
- 52 Save your evidence document. Print a copy of this document.

You are going to create a short presentation for your manager.

✓

- 53 Open a suitable presentation package. Import the file **N2PRES3.RTF** from your *NP32* folder.

Remove any blank slides.

(This should provide two slides, each containing a title and a bullet point.)

- 54 The master slide must have:

- a white background
- your name, Centre number and candidate number in a 12 point black serif font in the top right corner
- automated slide numbers in the top left corner.

- 55 Format slide 1 so that the text is displayed as a title and subtitle. Centre align these objects. Do not change the font styles.

- 56 Replace the text *your name* with your name.

- 57 Change the format of slide 2 so that the bullet point becomes a subtitle.

- 58 Use the following data to create a comparative vertical bar chart and place this on the left below the subtitle on slide 2:

	Area		
	Kowloon	Midlevels	Shatin
2010	\$12 500 000	\$9 800 000	\$45 000 000
2011	\$13 200 000	\$11 400 000	\$41 000 000

This chart will compare the sales in 2010 and 2011. Use the area names as category axis labels and the sales figures for the value axis.

- 59 Insert a clip-art image of a house, flat or apartment on slide 2. Place this to the right of the chart. Make sure that the chart is fully visible and no elements on any slide overlap.

- 60 Save the presentation using a new filename. Print the presentation with one slide on each page.

After the examination time – on the html printouts of your webpage

Highlight those portions of the code which show that:

- your name, Centre number and candidate number are present
- the external style sheet is attached to the webpage
- the top and bottom tables have a width of 750
- both tables have a cell spacing and cell padding set to 3
- the background colour of the top table is red
- the background colour of the bottom table is blue
- **N2HGP.PNG** has been resized to 240 wide x 250 high
- the bulleted list has been created as specified
- the hyperlink from the top left image of the lower table opens **N2PAGE3.HTM** in a new window called **_belgium**

Write today's date in the box below.

Date

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