



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 Kowloon.

- 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

