

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
Cambridge International Diploma in ICT
Advanced Level

ADVANCED GRAPHICS

5207/A

Optional Module: Practical Assessment

2004

No Additional Materials are required

**1 hour
and 15 minutes reading time**

Printouts for this module must be made in colour.

READ THESE INSTRUCTIONS FIRST

Candidates are permitted **15 minutes** reading time before attempting the paper.

Make sure that your name, centre number and candidate number are shown on each printout that you are asked to produce.

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

Tasks are numbered on the left hand side of the page, so that you can see what to do, step by step. On the right hand side of the page for each task, you will find a box which you can tick (✓) when you have completed the task; this checklist will help you to track your progress through the assessment.

Before each printout you should proof-read the document to make sure that you have followed all instructions correctly.

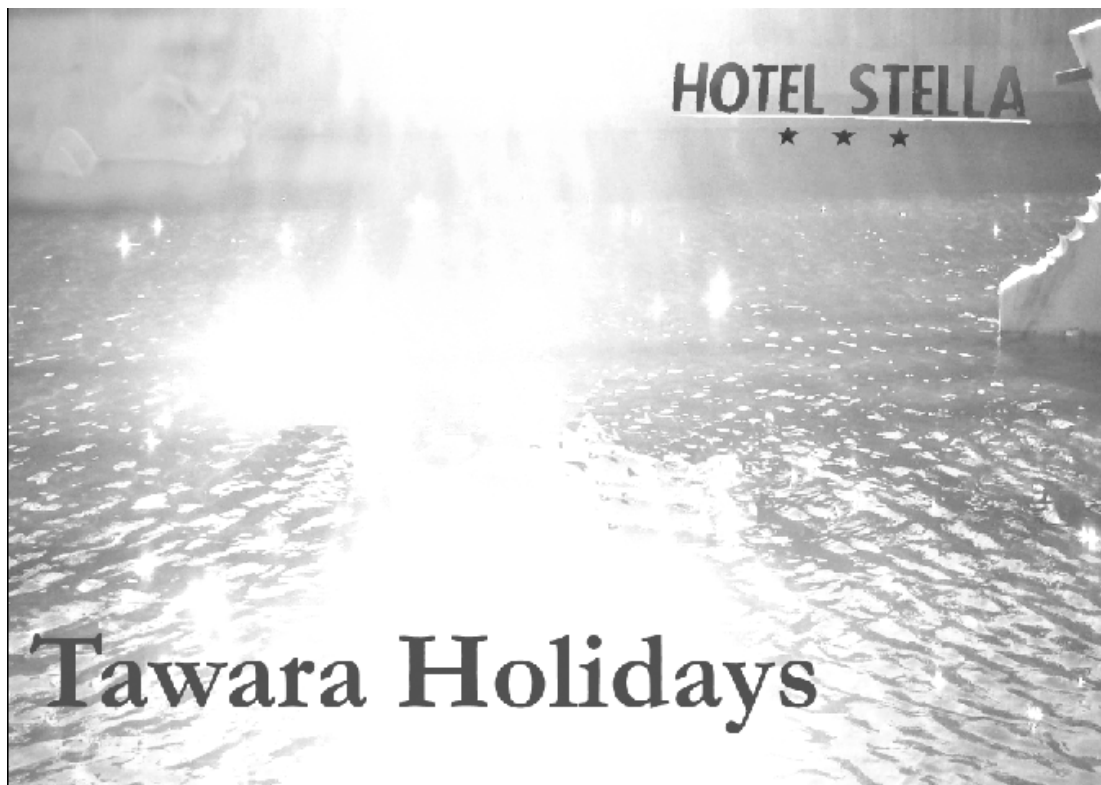
At the end of the assignment put **all** your printouts into the Assessment Record Folder.

This document consists of **3** printed pages.



You work for Hothouse Design and you are going to produce a poster for the Stella Hotel on Tawara Beach.

- | | | | |
|---|--|-------------------------------|-------------------------|
| 1 | Open the image files AGRA4HOT.JPG and AGRA4POL.JPG into a suitable graphics program. | ✓
<input type="checkbox"/> | 1.1.1 |
| 2 | Create a new image file 21 centimetres wide by 15 centimetres high, using a resolution of 35 pixels/centimetre. | <input type="checkbox"/> | |
| 3 | Copy the contents of AGRA4POL.JPG into the new graphic file as a separate layer. Scale this new layer to fill the whole page. Flatten the image so that it becomes the background layer of the file. | <input type="checkbox"/> | 1.1.1
2.1.1
2.1.4 |
| 4 | Copy the contents of AGRA4HOT.JPG into the new graphic file as a separate layer. Name this layer HOTEL | <input type="checkbox"/> | 1.1.1
2.1.4 |
| 5 | Remove the background colours from the <i>HOTEL</i> layer to leave only: <ul style="list-style-type: none"> • the words <i>Hotel Stella</i> • the stars • the bar between <i>Hotel Stella</i> and the stars | <input type="checkbox"/> | 2.1.2
2.3.1 |
| 6 | Rotate this layer 90 degrees clockwise then position it to fit near the top right of the image, as shown below. | <input type="checkbox"/> | 2.1.1
2.1.2
2.3.2 |
| 7 | Insert the text Tawara Holidays in a 60 point font as a new layer named TAWARA | <input type="checkbox"/> | 2.1.4
2.2.1 |
| 8 | Position the text so that it fits in the bottom left of the image as shown below. | <input type="checkbox"/> | 2.2.2 |



- | | | | |
|----|---|-------------------------------|----------------|
| 9 | Change the colour of the text in the <i>TAWARA</i> layer to match one of the brighter shades of red in the letter <i>S</i> of <i>Stella Hotel</i> | ✓
<input type="checkbox"/> | 2.3.1
2.3.2 |
| 10 | At the bottom right of the image: <ul style="list-style-type: none"> • Use a light blue font • Insert the text Image produced by • Add your name | <input type="checkbox"/> | 2.2.1
2.2.2 |
| 11 | Save the image, ensuring that you preserve the layers. | <input type="checkbox"/> | 3.1.1
3.2.2 |
| 12 | Print the image. | <input type="checkbox"/> | 3.2.1 |
| 13 | Print a screen shot which clearly shows the layers used. | <input type="checkbox"/> | 3.2.1 |
| 14 | Adjust the brightness of the <i>HOTEL</i> layer by increasing the Brightness setting by 40%. | <input type="checkbox"/> | 2.3.3 |
| 15 | Save the image using a new filename, ensuring that you preserve the layers. | <input type="checkbox"/> | 3.1.1
3.2.2 |
| 16 | Print the finished image. | <input type="checkbox"/> | 3.2.1 |
| 17 | Save a copy of the image as a JPEG file with the minimum compression (highest quality). | <input type="checkbox"/> | 3.1.1
3.2.2 |
| 18 | Print a listing of the files in your storage area. This should show the names of files, their size and a time and date stamp and should be marked to show clearly the files saved at steps 15 and 17. | <input type="checkbox"/> | 3.3.1 |

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and 15 minutes reading time**

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

Tasks are numbered on the left hand side of the page, so that you can see what to do, step by step. On the right hand side of the page for each task, you will find a box which you can tick (✓) when you have completed the task; this checklist will help you to track your progress through the assessment.

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IB04 01_5207_B/4RP
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UNIVERSITY of CAMBRIDGE
International Examinations

[Turn over

You work for Hothouse Design and you are going to produce a poster for the Stella Car Rental company.

- | | | | |
|---|---|-------------------------------|-------------------------|
| 1 | Open the image files AGRB4STR.JPG and AGRB4NAM.JPG in a suitable graphics program. | ✓
<input type="checkbox"/> | 1.1.1 |
| 2 | Create a new image file 21 centimetres wide by 15 centimetres high, using a resolution of 34 pixels/centimetre. | <input type="checkbox"/> | |
| 3 | Copy the contents of AGRB4STR.JPG into the new graphic file as a separate layer. Scale this new layer to fill the whole page. Flatten the image so that it becomes the background layer of the file. | <input type="checkbox"/> | 1.1.1
2.1.1
2.1.4 |
| 4 | Copy the contents of AGRB4STR.JPG into the new graphic file as a separate layer. Name this layer SIGN | <input type="checkbox"/> | 1.1.1
2.1.1 |
| 5 | Remove the background colours from the <i>SIGN</i> layer so that just the words <i>Stella Cars</i> are left. | <input type="checkbox"/> | 2.1.2
2.3.1 |
| 6 | Position, rotate and resize this layer to fit on the wall between the windows, as shown below. | <input type="checkbox"/> | 2.1.1
2.1.2
2.1.3 |
| 7 | Insert the text Stella – Cars for everyone as a new layer named CARS . Choose a sans-serif font in yellow. | <input type="checkbox"/> | 2.2.1 |
| 8 | Position the text so that it fits in the bottom right of the image, so that it fills three quarters of the width of the page, as shown below. | <input type="checkbox"/> | 2.2.2 |



- 9 Change the colour of the text in the *SIGN* layer so that the letters match the blue of the blue and red board below it. 2.3.1
2.3.2
- 10 At the top of the *CARS* layer: 2.2.1
2.2.2
- Use a light blue font
 - Insert the text **Image produced by**
 - Add your name
- 11 Save the image, ensuring that you preserve the layers. 3.1.1
3.2.2
- 12 Print the image. 3.2.1
- 13 Print a screen shot which clearly shows the layers used. 3.2.1
- 14 Reduce the contrast of the background layer by 40%. 2.3.3
- 15 Save the image using a new filename, ensuring that you preserve the layers. 3.1.1
3.2.2
- 16 Print the finished image. 3.2.1
- 17 Save a copy of the image as a **JPEG** file with the minimum compression (highest quality). 3.1.1
3.2.2
- 18 Print a listing of the files in your storage area. This should show the names of files, their size and a time and date stamp and should be marked to show clearly the files saved at steps 15 and 17. 3.3.1