

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

ADVANCED GRAPHICS

5207/A

Optional Module: Practical Assessment

2005

No Additional Materials are required

**1 hour
and 15 minutes reading time**

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.

IB05 01_5207_A/2RP
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UNIVERSITY of CAMBRIDGE
International Examinations

[Turn over

You work for a company called *Hothouse Design* and you are going to produce a poster for the *Transport Department of the City of Tawara Beach* concerning the city's new congestion charge.

- | | | | |
|---|---|-------------------------------|----------------|
| 1 | Open the image files AAGA5CAR.JPG and AAGA5SIN.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 AAGA5CAR.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"/> | 2.1.2 2.1.4 |
| 4 | Copy the contents of AAGA5SIN.JPG into the graphic file as a separate layer. Name this layer SIGN | <input type="checkbox"/> | 1.1.1 2.1.4 |
| 5 | Remove the background colours from the <i>SIGN</i> layer to leave only the words: <ul style="list-style-type: none"> • <i>City of Tawara Beach</i> • <i>Transport Department</i> | <input type="checkbox"/> | 2.1.2 2.3.1 |
| 6 | Rotate this layer 180 degrees and then position it to fit near the bottom left of the image, as shown below. | <input type="checkbox"/> | 2.1.1 2.1.3 |
| 7 | Insert the text Is your journey necessary? in a 30 point font as a new layer named JOURNEY | <input type="checkbox"/> | 2.1.4 2.2.1 |
| 8 | Position the text so that it fits near the top right of the image as shown below. | <input type="checkbox"/> | 2.2.2 |



- | | | | |
|----|---|-------------------------------|----------------|
| 9 | Change the colour of the text in the <i>JOURNEY</i> layer to match the green of the word <i>BLACKALL</i> on the road sign. | ✓ <input type="checkbox"/> | 2.3.1 2.3.2 |
| 10 | Near the bottom of the image: <ul style="list-style-type: none"> • Using a white 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 settings of the <i>background</i> layer, increasing the Brightness by 40% to change the colours in the image. | <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 file 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 the 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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UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
Cambridge International Diploma in ICT
Advanced Level

ADVANCED GRAPHICS

5207/B

Optional Module: Practical Assessment

2005

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**1 hour
and 15 minutes reading time**

READ THESE INSTRUCTIONS FIRST

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

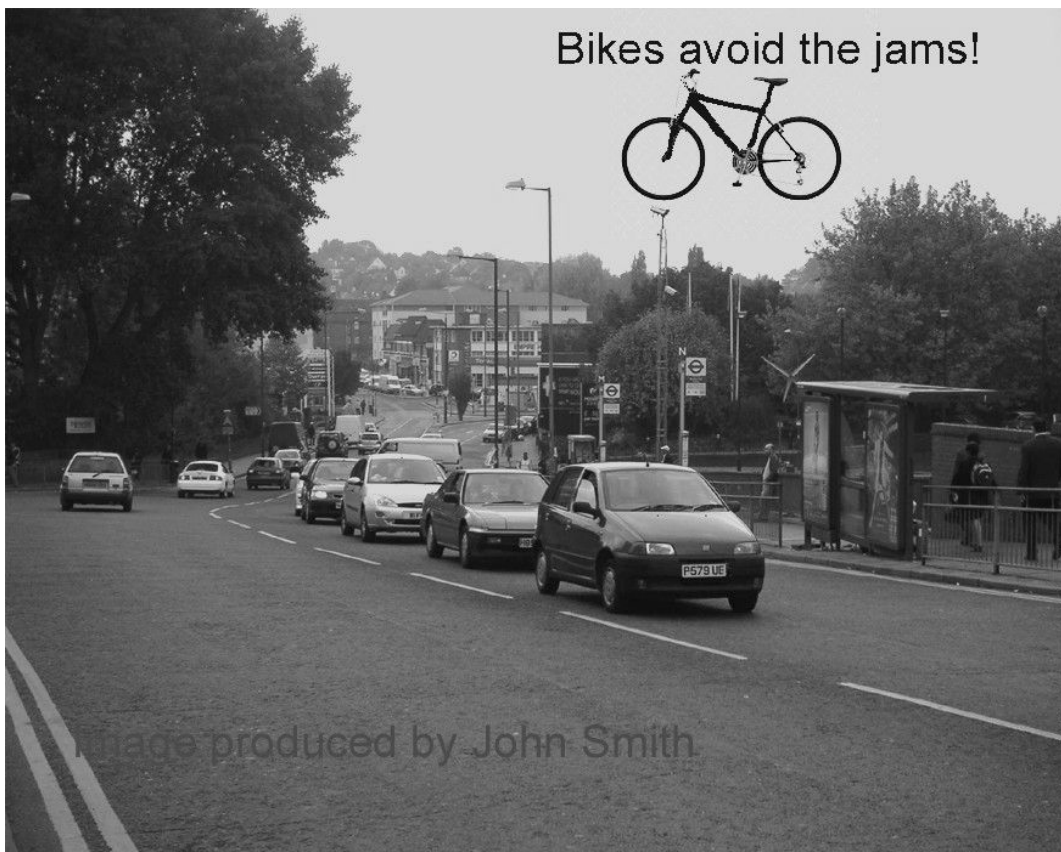
At the end of the assignment put **all** your printouts into the Assessment Record Folder.

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



You work for a company called Hothouse Design and you are going to produce a poster for the Stella City Transport Department encouraging people to use bicycles more often.

- | | | | |
|---|---|-------------------------------------|-------------------------|
| 1 | Open the image files AAGB5BIK.JPG and AAGB5SCE.JPG in a suitable graphics program. | <input checked="" type="checkbox"/> | 1.1.1 |
| 2 | Create a new image file 25 centimetres wide by 20 centimetres high, using a resolution of 35 pixels/centimetre. | <input type="checkbox"/> | |
| 3 | Copy the contents of AAGB5SCE.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"/> | 2.1.1 2.1.2 2.1.4 |
| 4 | Copy the contents of AAGB5BIK.JPG into the graphic file as a separate layer. Name this layer BIKE | <input type="checkbox"/> | 2.1.2 2.1.4 |
| 5 | Remove the background colours from the BIKE layer so that just the picture of the bicycle is left. | <input type="checkbox"/> | 2.3.1 2.3.2 |
| 6 | Position, rotate and resize this layer so that the bicycle ends up near the top right, as shown below. | <input type="checkbox"/> | 2.1.1 2.1.2 2.1.3 |
| 7 | Insert the text Bikes avoid the jams! as a new layer named CAPTION . Choose a 30 point sans-serif font in yellow. | <input type="checkbox"/> | 2.1.4 |
| 8 | Position the text so that it fits near the top right of the image as shown below. | <input type="checkbox"/> | 2.2.2 |



- | | | | |
|----|---|-------------------------------|-------------------------|
| 9 | At the bottom left: | ✓ <input type="checkbox"/> | 2.2.1 2.2.2 |
| | <ul style="list-style-type: none"> • Using a red font • Insert the text Image produced by • Add your name | | |
| 10 | Save the image, ensuring that you preserve the layers. | <input type="checkbox"/> | 3.1.1 3.2.2 |
| 11 | Print the image. | <input type="checkbox"/> | 2.3.1 |
| 12 | Increase the brightness of the background layer by 50%. | <input type="checkbox"/> | 2.3.3 |
| 13 | Print a screen shot which clearly shows the layers used. | <input type="checkbox"/> | 2.3.1 2.3.2 3.2.1 |
| 14 | Change the colour of the yellow paint in the <i>BIKE</i> layer so that it matches the red of the bonnet of the car at the front of the picture. | <input type="checkbox"/> | |
| 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 file 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 the 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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