



Cambridge International Examinations

Cambridge International General Certificate of Secondary Education

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Paper 2 Docum	nent Produ	ction, D	ata Ma	nip	ulation and Presentations	May	y/June 2018
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Any businesses described in this paper are entirely fictitious.

The number of marks is given in brackets [] at the end of each question or part question.

Write today's date in the box below.



This syllabus is approved for use in England, Wales and Northern Ireland as a Cambridge International Level 1/Level 2 Certificate.



You are going to perform some clerical tasks for Tawara University.

Task 1 - Evidence Document

- Open the file J218EVIDENCE.rtf
- Make sure that your name, Centre number and candidate number will appear on every page of this document.
- Save this as a word processed document in your work area as J218EVIDENCE followed by your candidate number, for example, J218EVIDENCE9999

You will need to place screenshots and answers to questions in this Evidence Document.

Task 2 - Document

You are going to edit a report. The university uses a corporate house style for all their documents. Paragraph styles must be created and applied as instructed.

- Open the file J218EMPLOY.rtf
 - The page setup is set to A4, landscape orientation with margins of 2 centimetres.
 - Do **not** make any changes to these settings.
 - Save the document in your work area with the file name REPORT
 Make sure it is saved in the format of the software you are using.

EVIDENCE 1

Place in your Evidence Document a screenshot to show this file has been saved. Make sure there is evidence of the file type.

[1]

- 2 Place in the header:
 - automated page numbers left aligned
 - automated file size in kilobytes right aligned.
 - Place your name, Centre number and candidate number right aligned in the footer.
 - Make sure that:
 - o all the alignments match the page margins
 - no other text is included in the header and footer areas
 - headers and footers are displayed on all pages.

[2]

3 • Create and store the following styles, basing each on the default paragraph style:

House style specifications							
Style name	Font Style	Font Size (points)	Alignment	Enhancement	Line spacing	Space Before (points)	Space After (points)
GR-Title	serif	36	centre	bold, italic	single	0	0
GR-Subtitle	serif	18	right	underline	single	0	0
GR-Subhead	serif	16	centre	underline, italic	single	0	9
GR-Body	sans-serif	11	justified	none	single	0	6
GR-Bullet	serif	14	3 cm indent from the left with hanging paragraphs	All capitals ➤ shaped bullet	single	0	0

EVIDENCE 2

Take a screenshot to show that the style settings have been defined for the *GR-Subhead* paragraph style. Place this in your Evidence Document.

[3]

Display these custom style names as a list in the style manager/organiser. Provide screenshot
evidence that these styles have been created, named and saved.

EVIDENCE 3

Take screenshot(s) to show the style names have been created and saved. Place this in your Evidence Document.

[1]

• At the start of the document enter the title:

Graduate Employment Report

• Apply the *GR-Title* style to this text.

[2]

- Enter your name immediately after the subtitle Edited by:
 - Apply the *GR-Subtitle* style to this text.

[1]

Apply the GR-Body style to the rest of the document.

[1]

• Change the page layout so that the subheading *The Skills Gap* and all following text is displayed in **two** equally spaced columns with **2** centimetre spacing between the columns. [2]

9	•	Apply the <i>GR-Bullet</i> style to the list of items from: communication to
		enthusiasm [2]
10	•	Identify the eight subheadings in the document and apply the <i>GR-Subhead</i> style to each one.
11	•	Using the data in the file J218SKILLS.csv create a vertical bar chart to show the skills shortage vacancies by percentage only.
12	•	Label the chart with the title:
		Types of skill in short supply [1]
13	•	Format the value axis scale to display:
		a maximum value of 0.48
		o increments of 0.06 [2]
14	•	Display data labels above each bar.
	•	Do not display a legend.
		[1]
15	•	Insert the chart after the paragraph ending skills as being in short supply:
	•	Make sure that:
		• the chart fits within the column width
		all labels are displayed in full.
		[1]
16	•	Import the image J218VOLUNTEER.jpg and place this below the subheading <i>Volunteering Projects</i>
17	•	Format the image so that:
		• it is resized to a width of 2.5 centimetres with the aspect ratio maintained
		• it is aligned to the left margin and the top of the paragraph starting <i>Many employers favour applicants</i>
		• the text wraps round the image. [2]

- Format the paragraph that starts *A worker with inadequate ...* so that it:
 - is indented by 2 centimetres from both the left and right hand margins
 - o displays an external 3 to 4 point black border.

[2]

• Apply light grey shading (10–25%) to fill this area so it looks like this:

A worker with inadequate digital skills wastes up to 21% of total productivity time and an average office worker is estimated to waste an hour a day through poor computer knowledge.

[1]

- 20 Spell check and proofread the document.
 - Make sure that:
 - lists, charts and the paragraph with the outside border are not split over two columns or pages
 - there are no widows or orphans
 - there are no blank pages
 - the house style specification has been followed and the correct styles applied as instructed
 - spacing between all items is consistent.
 - Save the document using the same file name and format used in Step 1.
 - Print the document.

PRINTOUT 1

Make sure your name, Centre number and candidate number are on your report.

[1]

[Total: 29 marks]

Task 3 - Database

You are now going to prepare some reports using related tables in a database. Make sure all dates are displayed in the format dd-MMM-yy and times are displayed in the format hh:mm:ss

- 21 Import the file **J218STUDENTS.csv** into a suitable database package.
 - Use these field names and data types:

Field Name	Date Type	Format
First_Name	Text	
Family_Name	Text	
Student_ID	Text	
Birth_Date	Date	dd-MMM-yy e.g. 19-Jun-07
Faculty	Text	
Telephone	Text	
Full_Time	Boolean/Logical	To display as Yes/No

- Set the Student_ID field as a primary key.
- Save the data.

EVIDENCE 4

Take screenshot evidence showing the field names and data types used in the table. Place this in your Evidence Document.

[1]

- Import the file *J218TEST_DATA.csv* as a new table in your database.
 - Make sure the dates and times are displayed in the required format.
 - Do not set a primary key.
 - Create a one-to-many relationship between *Student_ID* in the students table and the *Reg_ID* field in the test data table.

EVIDENCE 5

Place in your Evidence Document screenshot(s) showing the type of relationship between the two tables.

[1]

- Create a columnar data entry form which will include all the fields from the test data table. The field headings must be aligned to the left and positioned under each other.
 - Make sure all the field headings and data are fully visible.

[1]

• Use the form created in Step 23 to enter the following details as a new record:

Syllabus	V1.0
Unit	Internet and email
Test_Version	1.12-A
Reg_ID	CIE5437801
Result	Pass
Score	55
Test_Date	15-Feb-17
Start_Time	14:30:00
Test_Day	Wednesday
Test_Duration	00:36:10
Invigilator	Jarek Bosko

- Check your data entry for errors.
- Make sure all data is fully visible.
- Save the data.

EVIDENCE 6

Place in your Evidence Document a screenshot showing this data in your form.

[2]

- 25 Each test is marked out of 60. You need to calculate the percentage each student has achieved.
 - Using fields from both tables produce a report which:
 - contains a new field called %_Mark which is calculated at run-time. This field will
 calculate the Score divided by 60 and be displayed as a percentage with 0 decimal
 places
 - o shows only the records where:
 - Full_Time is Yes
 - Unit includes Internet
 - the Test_Date was on or after 01/09/2016 and on or before 31/08/2017
 - shows only the fields Student_ID, First_Name, Family_Name, Birth_Date, Full_Time, Test_Date, Unit, Score, Result and %_Mark in this order with data and labels displayed in full. Do not group the data.
 - sorts the data into ascending order of *Unit* and then descending order of *Score*
 - has a page orientation of landscape
 - fits on a single page wide
 - includes the title **Internet Units Completed** formatted so that it displays:
 - at the top of the page
 - centred within the width of the page
 - in a bold, serif 28 point font style
 - all letters fully visible
 - calculates the average *Score* and places this below the *Score* column
 - displays the average score as an integer
 - has a label Average mark to the left of this value
 - has your name, Centre number and candidate number on every page of the report.
 - Save and print your report.

PRINTOUT 2

Make sure that you have entered your **name**, **Centre number** and **candidate number** on your report.

EVIDENCE 7

Place in your Evidence Document a screenshot showing the formula used to calculate the average score.

[16]

- **26** Produce a report from all the data which:
 - selects only those records where:
 - Test_Day is Friday or Monday
 - Start_Time is 18:00:00 or later
 - displays the fields Student_ID, Unit, Result, Test_Date, Test_Day and Start_Time in this
 order with data and labels displayed in full. Do not group the data.
 - o sorts the Test_Date field so the oldest test date is listed first
 - has a page orientation of portrait and fits on a single page
 - includes the title **Evening Testing Sessions** in a larger font size at the top of the page
 - has your name, Centre number and candidate number on the report.

Save and print your report.

PRINTOUT 3

Make sure that you have entered your **name**, **Centre number** and **candidate number** on your report.

[6]

- 27 John is planning to validate data entry.
 - a) Define the term data validation.
 - b) Name the most appropriate type of validation that would be used in the *Score* field.
 - c) Identify the most appropriate validation criteria that would be used in the *Score* field.
 - d) Name another type of validation to check data entry.

Type your answers in your own words in your Evidence Document.

EVIDENCE 8

Type your answers in your own words into your Evidence Document.

[4]

[Total: 31 marks]

Task 4 – Mail Merge Document

You are required to carry out a mail merge to send out interview information.

- Create a mail merge document using the file **J218CKLIST.rtf** as the master document and **J218DATA.csv** as your data source.
 - Replace < Date > in the header of the document with a field to display today's date in the format dd/MM/yy
 - Enter your name, Centre number and candidate number in the footer of the document.

EVIDENCE 9

Take screenshot evidence showing the date field code. Place this screenshot in your Evidence Document.

[2]

• In the master document, maintain the existing spacing and punctuation, and replace the chevrons and text each time they appear with the following merge fields from the data source:

Data to replace	Replace with field
<first></first>	First_Name
<last></last>	Family_Name
<course></course>	Course
<dept></dept>	Faculty
<tutor></tutor>	Course_Tutor
<day></day>	Int_Day
<date></date>	Int_Date
<time></time>	Int_Time
<staff></staff>	Interviewer
<room></room>	Site

- Spell check and proofread the checklist.
- Save and print your master document with the merge fields displayed.

PRINTOUT 4

Make sure that you have entered your **name**, **Centre number** and **candidate number** on your master document.

[3]

- **30** Set an automated filter to select only interviews where the:
 - interview day is Monday
 - interview time is after 13:00

EVIDENCE 10

Take screenshot evidence showing your automated filter. Place this screenshot in your Evidence Document.

[2]

31 • Merge and print the documents for the selected interviews only.

PRINTOUT 5

Make sure that you have entered your **name**, **Centre number** and **candidate number** on documents.

[1]

- Save and close the files.
- 32 The data from this skills checklist is entered into a database manually by university staff. The university is considering changing this to an online form to be completed by new applicants.
 - Discuss in your own words the advantages and disadvantages to the applicants of using an online form for this task.

EVIDENCE 11

Type your answer in your own words into your Evidence Document using no more than 100 words.

[4]

[Total: 12 marks]

Task 5 - Presentation

You are going to create a short presentation.

All slides must have a consistent layout and formatting. Unless otherwise instructed, slides must display a title and bulleted list.

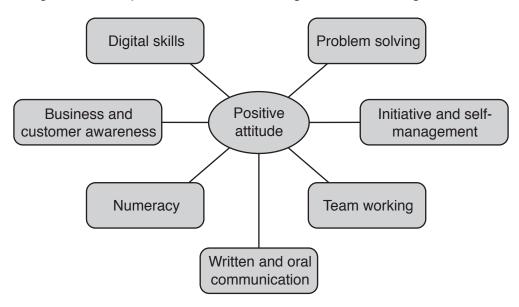
- 33 Create a presentation of 5 slides using the file J218SAPRES.rtf
 - Format slide 1 so that:
 - a Title Slide layout is applied
 - the title and subtitle are placed in the centre of the slide
 - your name appears after the text *Presented by:*

[1]

- 34 Use a master slide to display the following features on all slides:
 - your name, Centre number and candidate number
 - automatic slide numbers.

[1]

- Move the slide with the title *Interpersonal Skills* so that it becomes slide 3. [1]
- Open the file J218DIAGRAM.rtf
 - Copy the diagram and place it on slide 2 below the heading *Employability Skills* [1]
- **37** The diagram is incomplete. Add the two missing boxes so the diagram looks like this:



- **38** Save the presentation.
 - Print slides 1 to 4 only as a handout with 2 slides to the page.

PRINTOUT 6

Print this handout. Make sure your name, Centre number and candidate number are on all slides.

[3]

[1]

[Total: 8 marks]

Task 6 - Printing the Evidence Document

Save and print your Evidence Document.

PRINTOUT 7

Make sure that you have entered your **name**, **Centre number** and **candidate number** on your Evidence Document.

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