

Cambridge Assessment International Education

Cambridge International General Certificate of Secondary Education

INFORMATION AND COMMUNICATION TECHNOLOGY

0417/02

Paper 2 Practical Test A

October/November 2017

MARK SCHEME
Maximum Mark: 80

Pub	IIS	ne	a

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

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C:\NicFolder\CRUISENEWS.docx

Header – an automated file name with path right aligned, no other text/placeholder

1 mark

Tawara Cruise News

Title TC-title style applied, serif, 36pt, centre, bold,

12pt space after, no changes to text

Subtitle Data entry 100% accurate

TC-subtitle style applied - serif, 18pt, italic,

right aligned, no space after

Produced by: Name chill sets in many people start to

er cruise itinerary focuses on the and interesting ports which offer

1 mark

1 mark

1 mark

<u>Winter Holidays</u>

Winter the best time of the year to visit the Caribbe egion is made up of over 30 major

Columns

Section break correct position 1 mark 2 columns, 1 cm column spacing 1 mark

beaches in the world and the leisurely pace of life, the Caribbean really is that perfect place to relax, unwind

more Subheadings (8)

leisure TC-subhead style – matches style set

1 mark

two great oceans. As you travel within inches of the canal's sides, you can look out to the surrounding jungle scenery and beyond. Tropical birds circle overhead and the sound of the rainforest's wildlife breaks the quiet calm as you make your way along this fantastic canal.

It takes about 10 hours to travel the length of the Panama Canal. The massive locks control the level of water enabling ships to travel through this 80 kilometres stretch of water. Each vessel is raised 26 metres as they pass from the Caribbean to the each lockage using 197 million litres of

which ultimately ebbs away to the sea.

The Caribbean

There are three cruising areas in the region. The laid-back Eastern Caribbean includes Puerto Rico, the Virgin Islands and the Bahamas. Mystery and adventure in the Western Caribbean with the Cayman Islands, Jamaica and Mexico or the more remote and unspoiled islands in the Southern Caribbean, visiting southerly Windward

December Offer

We are delighted to offer our customers a special 15 percent discount on all our Trans-Panama cruises departing in December. Details are as follows:

Ves	sel_Name	Duration	Sail_Date		
Carr	nival Inspiration	14	24-Dec-17		
otat	endam	14	23-Dec-17		
Silve	er Cloud	16	22-Dec-17		
	bourn Spirit	14	21-Dec-17		
	al Princess	14	20-Dec-17		
(mara Journey	16	12-Dec-17		
<	bbean Lady	21	10-Dec-17		

ama Canal cruises are truly unforgettable riences that will stay with you for a lifetime. Do miss this amazing offer, book now to avoid ppointment.

DB Extract

Correct place, within column width, data on 1 line, fully visible, no title on extract, no changes to data 1 mark Correct fields with headings in correct order 1 mark Destination Trans-Panama Canal 1 mark Sail_Date 10/12/2017 to 24/12/2017 inclusive 1 mark Sorts Sail_Date in descending order 1 mark TC-table style applied – sans-serif, 10pt, left no space before/after each row 1 mark

Panama Canal

Known as the eighth wonder of the world, the Panama Canal is an engineering marvel. This narrow man-made ribbon of water was completed in

<u>Festive Breaks</u>

Enjoy the festive season with a difference this year. Join us on board during the Christmas and New Year period when we are serving up all the ingredients for a perfect winter holiday. Seasonal entertainment abounds with themed production shows live music and films during the voyage. We

Footer Page numbers left aligned, no other text/placeholder

Name, Centre no, candidate number right aligned, no other text/placeholder

1 mark

New

Name, Centre number, Candidate number

1

1 mark

Table

Year's Eve champagne. special area participating menorahs al in the Hanu Kosher mea when reques

Table complete, correct place within column, no changes to data 1 mark Sorted ascending order of DAY, data integrity maintained 1 mark New row inserted as first row 1 mark Title entered correctly 1 mark 1 mark Top row merged, centred Top row text bold, italic, light grey shading applied 1 mark All text displayed on one line, gridlines printed 1 mark TC-table style applied - sans-serif, 10pt, left, no space before/after each row

Join our 11 Queen which

Fort Lauderdale. The itinerar most beautiful islands of the Eas aribbean: leisurery swim, relax on deck with a good book, or visit our spa for some pampering, rest and relaxation.

Eastern Caribbean Itinerary						
DAY	LOCATION	ARRIVE	DEPART			
1	Florida		16:00			
2	At Sea					
3	At Sea					
4	Puerto Rico	13:00	23:00			
5	St. Maarten	11:00	23:00			
6	St Kitts	08:00	17:00			
7	Antigua	08:00	17:00			
8	St Thomas	08:00	16:00			
9	At Sea					
10	Bahamas	08:00	15:00			
11	Florida	07:00				

Get set for a magical experience at this mo wonderful time of the year. Book now and get read to begin 2018 in style!

Most nights are informal but our Caribbean cruises have two gala evenings where recommended dress is suits for men and cocktail attire for women. Our evening entertainment programme starts from around 7pm and includes stand-up comics, legendary musical acts, extravagant Las Vegasstyle productions and more intimate jazz lounge piano sets.

Enrichment

Image

Correct image inserted in correct position Image cropped to remove dolphins Aligned to right margin, top of text, text wrapped

1 mark

1 mark

1 mark

Resized to 3.5 cm wide, proportions maintained

1 mark

Shore Excursions

This paradise tropical consists countless of and endless islands shorelines which provide a playground diverse for



many interests. Every island is unique and our excursions will enable you to experience each incredible destination in a whole new way. We offer a variety of shore excursions which will take you to the most memorable sites and let you truly experience the history, culture, relaxing beaches and stunning natural beauty of the region. For scuba divers the reefs of Cozumel or the Grand Turks are a must, as are sightseeing excursions to the Mayan ruins in most Mexican ports. Tax-free shopping in St Thomas, visiting a volcano in St Lucia or exploring the Antiguan and Puerto Rican rainforests, we offer something for everyone.

ep an eye out for the ship's daily newsletter which is delivered to your door every morning. Here you will find details all our daily activities and any on board.

Paragraph indented 1 cm from both margins 1 mark

customer satisfaction ratings. Choose a cruise and you will open your curtains to a new and exciting destination to explore every day. You can count on an experience that will exceed your expectations.

Page layout

TC-body style applied – sans-serif, 10pt, single, fully justified, 12pt space after 1 mark Document complete/paragraphs intact, margins unchanged, no areas of large white space, 12pt space after table, top of columns aligned, no widows/orphans, split tables, blank pages 1 mark

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October/November 2017

Title

Correct, 100% accurate 1 mark

Calculated field

Heading 100% accurate 1 mark
Calculated – *Duration* x *Daily_Cost* 1 mark
Displays currency symbol, 2 dp (not rounded) 1 mark

Caribbean Festive Voyages

	. •							$\overline{}$
Sail_Date	Vessel_Name	Embark	Destination		Cruise_Line	Duration	n Daily_Cost	Total_Cost
03-Dec-17	Carnival Freedom	Fort Lauderdale	Eastern Caribbean		Carnival Cruise Line	8	£100.60	£804.80
04-Dec-17	Carnival Miracle	Fort Lauderdale	Southern Caribbean		Carnival Cruise Line	8	£101.10	£808.80
06-Dec-17	Jubilee Queen	Los Angeles	Caribbean and Amazon		Tawara Cruises	8	£120.00	£960.00
10-Dec-17	Navigator Of The Seas	Fort Lauderdale	Southern Caribbean		Royal Caribbean Internat	ional 8	£92.20	£737.60
18-Dec-17	Caribbean Princess	San Juan	Southern Caribbean		Princess Cruises	8	£87.60	£700.80
18-Dec-17	Carnival Victory	San Juan	Southern Caribbean 📉		Carnival Cruise Line	8	£96.70	£773.60
18-Dec-17	Carnival Legend	Tampa	Western Caribbean	\geq	Cruise Line	8	£119.30	£954.40
18-Dec-17	Mariner Of The Seas	Galveston	Western Caribbean (Se	arch) {	£97.70	£781.60
20-Dec-17	Carnival Miracle	Fort Lauderdale			n contains Caribbean	1 mark	£94.80	£758.40
21-Dec-17	Island Queen	Los Angeles				1 mark	£92.00	£736.00
24-Dec-17	Carnival Valor	Miami		5 record			£103.60	£828.80
24-Dec-17	Carnival Freedom	Fort Lauderdale	Eastern Caribbean		Carriival Craise Line		8 £82.10	£656.80
28-Dec-17	Carnival Miracle	Fort Lauderdale	Southern Caribbean		Carnival Cruise Line	8	£119.60	£956.80
28-Dec-17	Seascape Explorer	Galveston	Caribbean and South Am	nerica	Tawara Cruises	g	£111.00	£999.00
30-Dec-17	Navigator Of The Seas	Fort Lauderdale	Southern Caribbean		Royal Caribbean Internat	ional 9	£118.60	£1,067.40
01-Dec-17	Explorer Of The Seas	Cape Liberty	Eastern Caribbean		Royal Caribbean Internat	ional 10	£80.90	£809.00
08-Dec-17	Emerald Princess	Fort Lauderdale	Southern Caribbean		Princess Cruises	10	£88.40	£884.00
09-Dec-17	Island Princess	Fort Lauderdale	Western Caribbean		Princess Cruises	10	£99.90	£999.00
18-Dec-17	Carnival Glory	Miami	Eastern Caribbean		Carnival Cruise Line	<mark>1(</mark>	0 £105.75	£1,057.50
18-Dec-17	Emerald Princess	Fort Lauderdale	Southern Caribbean		Princess Cruises	10	£115.00	£1,150.00
23-Dec-17	Juhilee Ou	Fort Lauderdale	Fastern Caribbean		Tawara Cruises	10	£112.75	£1,127.50
25-Dec-1 Recor	rd added (penalise if 13-Dec-	17 Aidaaura Mia	ami 10 record missing)	1 mark	Norwegian Cruise Line	10	£95.50	£955.00
28-Dec-1 Sorte	d ascending <i>Duration</i> , ascend	ding Sail_Date		1 mark	Princess Cruises	10	£99.00	£990.00
	fied fields, correct order	-		1 mark	Costa Cruise Line	10	£113.20	£1,132.00
29-Dec-1 Lands	scape, one page wide, all field	ds present, all fully	visible	1 mark	Princess Cruises	10	£106.40	£1,064.00
12-Dec-17	Nooruani	FOIT Lauderdale	<u> Зоитпетт Саттореан</u>		Holland America Line	13	1 £95.00	£1,045.00
12-Dec-17	Celebrity Equinox	Fort Lauderdale				12	f £103.10	£1,134.10
14-Dec-17	Norwegian Dawn	Miami	Display	, ,	1 1)	11	1 £82.90	£911.90
04-Dec-17	Seven Seas Mariner	Fort Lauderdale	Daily_Cost currency 2dp		•	12	£91.20	£1,094.40
05-Dec-17	Enchantment Of The Seas	Baltimore	Sail_Date displays as de	u-111111111-	yy 1 mark	J	£117.60	£1,411.20

Cambridge IGCSE – Mark Scheme **PUBLISHED**

October/November 2017

12

Sail_Date	Vessel_Name	Embark	Destination	Cruise_Line	Duration	Daily_Cost	Total_Cost
10-Dec-17	Marina	Miami	Western Caribbean	Oceania Cruises	12	£81.20	£974.40
11-Dec-17	Explorer Of The Seas	Cape Liberty	Southern Caribbean	Royal Caribbean Internation	al 12	£104.10	£1,249.20
22-Dec-17	Marina	Miami	Southern Caribbean	Oceania Cruises	12	£118.60	£1,423.20
24-Dec-17	Celebrity Silhouette	Cape Liberty	Southern Caribbean	Celebrity Cruises	12	£116.20	£1,394.40
03-Dec-17	Celebrity Constellation	Fort Lauderdale	Southern Caribbean	Celebrity Cruises	14	£108.50	£1,519.00
13-Dec-17	<mark>Aidaaura</mark>	Miami	Western Caribbean	Aida Cruises	<mark>14</mark>	£106.20	£1,486.80
17-Dec-17	Celebrity Constellation	Fort Lauderdale	Southern Caribbean	Celebrity Cruises	14	£89.80	£1,257.20
21-Dec-17	Crystal Serenity	Miami	Southern Caribbean	Crystal Cruises	14	£97.70	£1,367.80
31-Dec-17	Celebrity Constellation	Fort Lauderdale	Southern Caribbean	Celebrity Cruises	14	£115.30	£1,614.20
19-Dec-17	Queen Mary 2	New York	Southern Caribbean	Cunard Line	15	£105.30	£1,579.50
22-Dec-17	Seven Seas Navigator	Fort Lauderdale	Southern Caribbean	Regent Seven Seas Cruises	15	£85.80	£1,287.00
20-Dec-17	Seaways Princess	San Diego	Caribbean and Amazon	Tawara Cruises	16	£105.00	£1,680.00
01-Dec-17	Seaways Princess	Miami	Caribbean and South America	Tawara Cruises	18	£95.00	£1,710.00
09-Dec-17	Lord of the Seas	New York	Caribbean and Mexico	Tawara Cruises	23	£110.00	£2,530.00
04-Dec-17	Atlantic Princess	Southampton	Caribbean Transatlantic	Tawara Cruises	36	£120.00	£4,320.00

Name, Centre number, Candidate number

Average of *Duration* calculated 1 mark Displayed as integer under *Duration* column 1 mark Label 100% accurate, to left of calculation 1 mark

Average nights

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Tawara Cruises

120 Gonville Square LONDON WC1B 4BQ Tel: 01632 882781 Email: tcenquiries@tawara.org.uk

«Area».

31 August 2015

«Post Code»

«Title» «First Name» «Last Name» «Street» «Area»

Fields «Title» «First_Name» «Last_Name», «Street».

«Post_Code» correct position and spacing

1 mark

Dear «Title» «Last Name»

Holiday Booking Reference: «Book Ref»

Fields «Title» «Last Name» «Book_Ref»

«Cruise Type» correct position and spacing

1 mark

1 mark

Thank you for booking your «Cruise_Type» cruise with Tawara Cruises. I am pleased to confirm the details of your booking are as follows:

You have booked a "Duration" night cruise for "Passengers" people departing on «Departure Date». You will embark the «Ship» in «Embark». The ships sails at 1400 hours and you must be on board by 1300 hours.

will be posted to you. Please thor you have the correct visas and tra

Your final payment is due six wee Fields «Duration», «Passengers» | «Departure_Date». | «Ship» | «Embark». correct position, spacing, punctuation intact

We would like to take this opportunity to wish you a very enjoyable holiday. If you have any queries at all about your booking, please telephone us and our team of travel advisors will be happy to help.

Yours sincerely

Joe Bloggs Travel Advisor

Name replaces Candidate Name Name, Centre no and candidate no in the footer

Name, Centre number, Candidate number

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Tawara Cruises 120 Gornelle Square LONDON WC16 46Q Tel: 01633 862781 Result of merge - 3 letters printed -02 November 2015 Erin Naylor, Jason Steffen, Waleed Yasser only 1 mark Holiday Booking Reference: BAKKING Thunk you for booking your Cottons trains with Tawara Craines. I am pleased to confirm the details of your booking are as follows: You have booked a **9** right case for people departing on **Del Cottol**. You will embark the **least Cases** in **Southamptos**. The slope sails at 1460 hours and you must be on board by 1300 hours. Your final payment is due six weeks before departure. Once this has been paid your tickets will be posted to you. Please thoroughly check the details of your booking and make sure you have the correct mass and trievel documents for your holiday. We would like to take this apportunity to wait you a very enjoyable holiday. If you have any queries at all about your booking, please telephone as and our team of travel advisors will be happy to help. Yours sincerely Travel Advisor

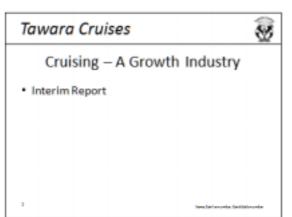
© UCLES 2017 Page 7 of 13 6 slides imported as title and bulleted list (slides 2-6), no blank slides, no overlap of items, no changes to content

1 mark

Master Slide items (items to appear consistently on all slides for each mark)

Name, Centre and candidate number bottom right, auto slide numbers bottom left Logo top right, resized, aspect ratio maintained, 3-4pt line 3 cm from top, slide width **Tawara Cruises**, black, italic, 48pt, above line, aligned top left, no wrap.

1 mark 1 mark 1 mark



Tawara Cruises Positive Worldwide Trends 7.4% annual growth rate since 1980 market estimated at \$39.6 billion, up 6.9% from

- 22.2 million cruise passengers carried in 2015, up 3.2% from 2014
- capacity was 486,385 passengers and 298 ships at the end of 2016
- · Asia is a fast emerging market

New Service and a desirable contin







Tawara Cruises Changing Demands more demand for river cruising around the globe more itineraries to faraway destinations enhanced technology-demand for fast and free WiFi extreme on-board adventure overnight stays in port luxury liners solo travellers

Worldwide Cruise Passengers slide

Pie chart created from correct data Left of bullets on *Worldwide Cruise Passengers* slide Title **2019 Passengers By Region** - 100% accurate

Displays % labels only and legend correct

1 mark 1 mark 1 mark 1 mark

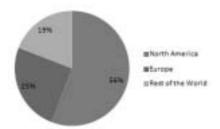
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Tawara Cruises



Worldwide Cruise Passengers

2019 Passengers By Region



- · 2013 20.1 million
- 2016 22.9 million
- 2019 25.3 million expected

5

frame, Centre number, Candidate number

Print

Print 6 slides to page and single full page slide *Worldwide Cruise Passengers* slide 1 mark

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1 mark

1 mark

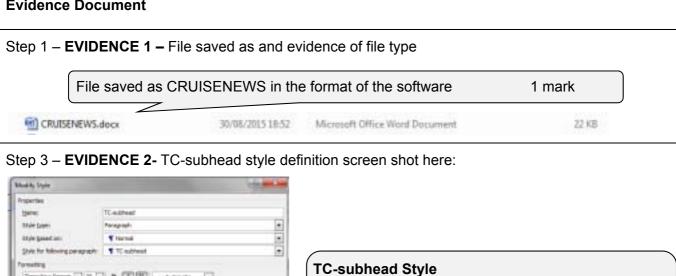
Evidence Document

图 # # 图 图 = 图 # # # #

Fort: (Default) Times New Roman, 20 pt. Italic, Underline, Space After: 6 pt. Style: Quick Style, Based on: Normal

Winter Holidays

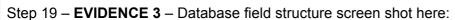
Pastuguiciyeta Dapendal-yabb @ Only in the document. ID New documents has ed on this to



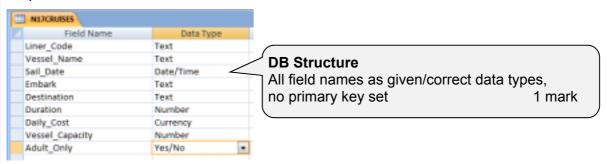
TC-subhead style created, named correctly 1 mark

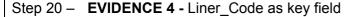
Serif font, 20pt, italic, underlined

Left aligned, 6pt space after

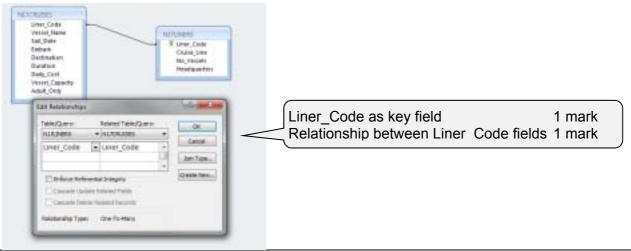


DE Conseil

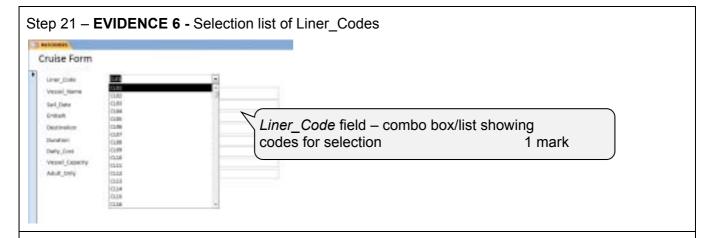




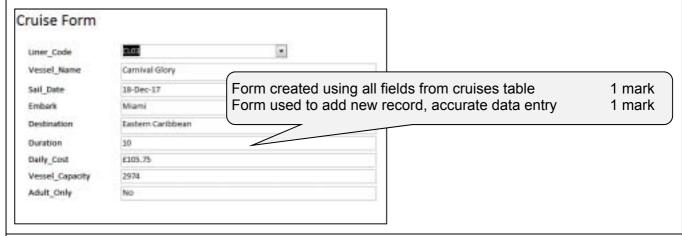
EVIDENCE 5 – Relationship between the two tables screen shot here:



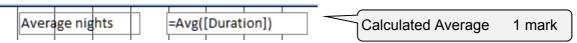
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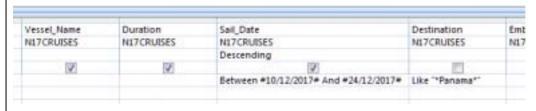
Step 22 – **EVIDENCE 7 –** Data entry form used to enter new record



Step 23 - EVIDENCE 8 - Calculated control formula screenshot here



Step 24 - **EVIDENCE 9** – Extract selection criteria:



Step 25 – **EVIDENCE 10** – describe two advantages of using relational tables rather than a flat file database:

1 mark per valid advantage:

- data only stored once/data does not have to be typed in twice reduces/avoids data redundancy/duplication
- quicker to enter/update/edit data
- fewer errors are likely
- · reduces storage requirements

[2 marks]

Step 26 – **EVIDENCE 11** – describe how Tawara Cruises can use social networking as a means of communication to promote their business:

1 mark per valid point related to Tawara Cruises:

- · release news/status updates about new cruises/destinations/products
- · post images/videos of cabins/ships
- allow customers to ask questions about prices/durations
- · request customer feedback to improve service/polls
- instant messaging last minute changes to itinerary

[2 marks]

Step 29 – **EVIDENCE 12** – Tawara Cruises now want to distribute the newsletter and plan to send a printed copy of this by post. Evaluate this method of distributing information:

1 mark per valid reason: 4 from:

For full marks must have at least one advantage and one disadvantage.

ADVANTAGES	DISADVANTAGES
not everyone has a computer/internet, so may not see the newsletter if sent electronically	costs of ink/paper/printing
can be read anywhere/not limited to where computer is	cost of postage
can ensure sent to all customers listed	time delay (dated)
can target people in an area	difficult to update content
	not interactive
	no animation/sound/video
	environmental impact of printed copies

[4 marks]

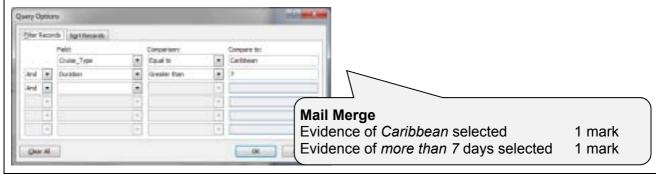
Step 30 – **EVIDENCE 13** – Date field screenshot here:

{ DATE \@ "dd MMMM yyyy" * MERGEFORMAT }`

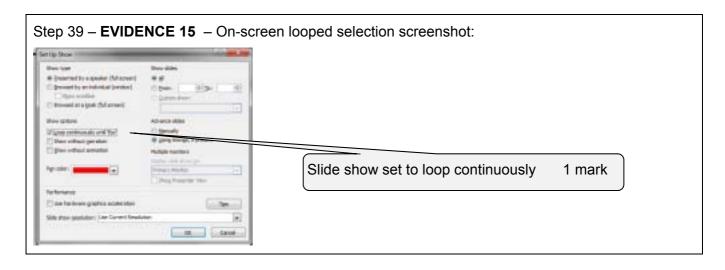
Evidence of field to display today's date

1 mark

Step 31 – **EVIDENCE 14** – Mail merge selection method screenshot here:



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