

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

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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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Cambridge Assessment
International Education

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

1 mark

l'awara 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 1 mark chill sets in many people start to 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

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

n each lockage using 197 million litres of

which ultimately ebbs away to the sea.

er cruise itinerary focuses on the and interesting ports which offer

1 mark

this fantastic canal.

Winter Holidays

Winter the best time of the year to visit the Caribbe region 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 a

more Subheadings (8)

leisure TC-subhead style – matches style set

1 mark

The Caribbean

Panama Canal

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 Loud

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

Known as the eighth wonder of the world, the

narrow man-made ribbon of water was completed in

Panama Canal is an engineering marvel.

<u>Decembe</u>r 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
Carnival Inspiration		14	24-Dec-17
otatendam		14	23-Dec-17
Silver Cloud		16	22-Dec-17
bourn Spirit		14	21-Dec-17
al Princess mara Journey		14	20-Dec-17
		16	12-Dec-17
Κ	bbean Lady	21	10-Dec-17
<	mara Journey	16	12-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.

Festive Breaks

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 vovage 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

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Page 2 of 13

1 mark

Table

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

Table complete, correct place within column, no changes to data

Sorted ascending order of DAY, data integrity maintained

1 mark

New row inserted as first row

1 mark

Title entered correctly

1 mark

Top row merged, centred

1 mark

Top row text bold, italic, light grey shading applied

All text displayed on one line, gridlines printed

TC-table style applied - sans-serif, 10pt, left, no space before/after

Join our 11 \ Queen which

Fort Lauderdale. The itinerar most beautiful islands of the Eas arrangement.

each row

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

Resized to 3.5 cm wide, proportions maintained

1 mark

1 mark

1 mark

1 mark

Shore Excursions

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

newsletter which is delivered to your door every morning. Here you will find details fall our daily activities and any specific property 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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0417/02 Cambridge IGCSE – Mark Scheme
PUBLISHED

Caribbean Festive Voyages

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

Cruise Line Total Cost **Embark** Destination Duration Daily Cost Sail Date Vessel Name Carnival Cruise Line 03-Dec-17 Carnival Freedom Fort Lauderdale Eastern Caribbean 8 £100.60 £804.80 8 £808.80 04-Dec-17 Carnival Miracle Fort Lauderdale Southern Caribbean Carnival Cruise Line £101.10 06-Dec-17 Tawara Cruises £120.00 £960.00 Jubilee Queen Los Angeles Caribbean and Amazon **Navigator Of The Seas** 10-Dec-17 Fort Lauderdale Southern Caribbean **Royal Caribbean International** £92.20 £737.60 Caribbean Princess 18-Dec-17 San Juan Southern Caribbean **Princess Cruises** 8 £87.60 £700.80 **Carnival Victory** Southern Caribbean Carnival Cruise Line £96.70 £773.60 18-Dec-17 San Juan Carnival Legend Western Caribbean Line کنمی £954.40 18-Dec-17 Tampa £119.30 18-Dec-17 Mariner Of The Seas Galveston Western Caribbean £97.70 £781.60 Search Carnival Miracle £758.40 20-Dec-17 Fort Lauderdale Southern Caribbean £94.80 Destination contains Caribbean 1 mark 21-Dec-17 Island Queen Los Angeles Caribbean and South £92.00 £736.00 Duration >=8, Adult Only is No 1 mark 24-Dec-17 Carnival Valor Miami Southern Caribbean £103.60 £828.80 (45 records) 24-Dec-17 Carnival Freedom Fort Lauderdale Fastern Caribbean £82.10 £656.80 28-Dec-17 Carnival Miracle Fort Lauderdale Southern Caribbean Carnival Cruise Line 8 £119.60 £956.80 9 £999.00 28-Dec-17 Seascape Explorer Galveston Caribbean and South America **Tawara Cruises** £111.00 **Navigator Of The Seas** Southern Caribbean 9 £118.60 £1.067.40 30-Dec-17 Fort Lauderdale Royal Caribbean International **Explorer Of The Seas** 01-Dec-17 Cape Liberty Eastern Caribbean **Royal Caribbean International** 10 £80.90 £809.00 08-Dec-17 **Emerald Princess** Fort Lauderdale Southern Caribbean **Princess Cruises** 10 £88.40 £884.00 Fort Lauderdale 09-Dec-17 Island Princess Western Caribbean **Princess Cruises** 10 £99.90 £999.00 18-Dec-17 Eastern Caribbean Carnival Cruise Line 10 £105.75 Carnival Glory Miami £1,057.50 18-Dec-17 **Emerald Princess** Fort Lauderdale Southern Caribbean **Princess Cruises** 10 £115.00 £1,150.00 Juhilee Ou Fort Lauderdale Fastern Caribbean 23-Dec-17 Tawara Cruises 10 £112.75 £1,127.50 25-Dec-1 Record added (penalise if 13-Dec-17 | Aidaaura | Miami | 10 record missing) Norwegian Cruise Line £95.50 £955.00 10 1 mark Princess Cruises £99.00 £990.00 28-Dec-1 Sorted ascending Duration, ascending Sail Date 1 mark 10 £113.20 Specified fields, correct order Costa Cruise Line 10 £1,132.00 29-Dec-1 1 mark 29-Dec-1 Landscape, one page wide, all fields present, all fully visible 1 mark **Princess Cruises** 10 £106.40 £1.064.00 12-Dec-17 Holland America Line 11 £95.00 £1.045.00 woordam rort Lauderdaie зоишетт сапрреан 12-Dec-17 Celebrity Equinox Fort Lauderdale 11 £103.10 £1,134.10 Display 14-Dec-17 Norwegian Dawn Miami 11 £82.90 £911.90 Daily Cost currency 2dp (not rounded). 04-Dec-17 Seven Seas Mariner Fort Lauderdale £91.20 £1,094.40 Sail Date displays as dd-mmm-yy 1 mark £1,411.20 05-Dec-17 **Enchantment Of The Seas Baltimore** £117.60

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0417/02 Cambridge IGCSE – Mark Scheme **PUBLISHED**

October/November 2017

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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

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.

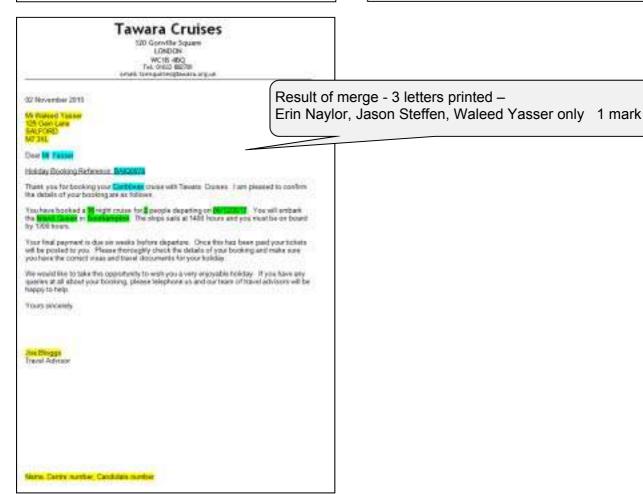
Yours sincerely

Joe Bloggs Travel Advisor Name replaces Candidate Name Name, Centre no and candidate no in the footer 1 mark

Name, Centre number, Candidate number







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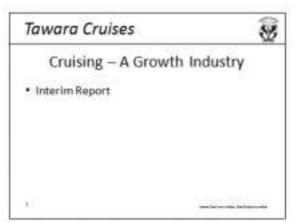
6 slides imported as title and bulleted list (slides 2-6), no blank slides, no overlap of items, no changes to content

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.

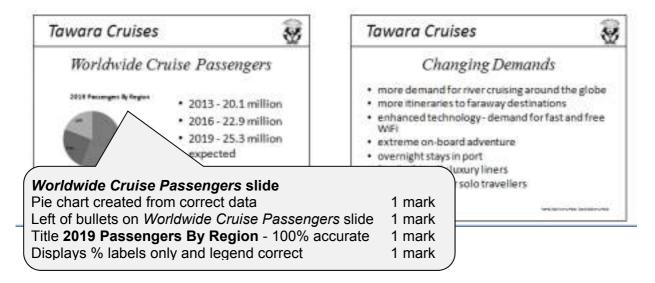
1 mark 1 mark 1 mark











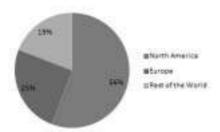
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Tawara Cruises



Worldwide Cruise Passengers

2019 Passengers By Region



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

5

Name, Centre number, Cardidate 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

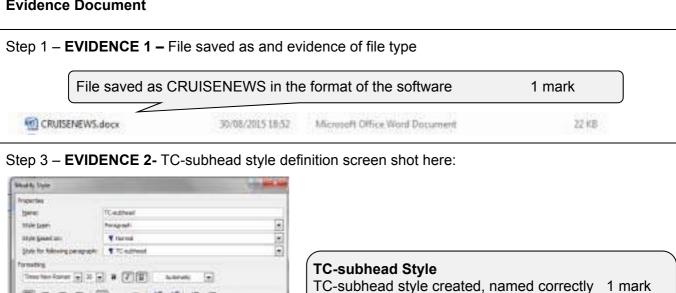
Evidence Document

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Part: Claffort) Times November, 20 pt. Italic, underline, Space After: 6 pt. Stele: Qualifyle. Space Account.

Winner Molidaya

Pastugacquite Expressionate & Only in the absument. It's New documents based on this templ

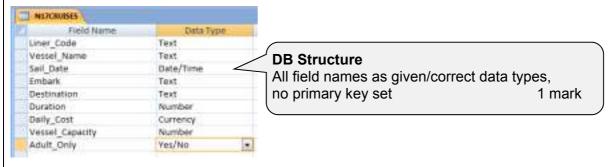


Serif font, 20pt, italic, underlined

Left aligned, 6pt space after

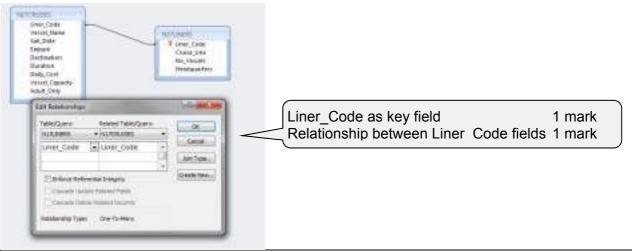
Step 19 – **EVIDENCE 3** – Database field structure screen shot here:

Di Const

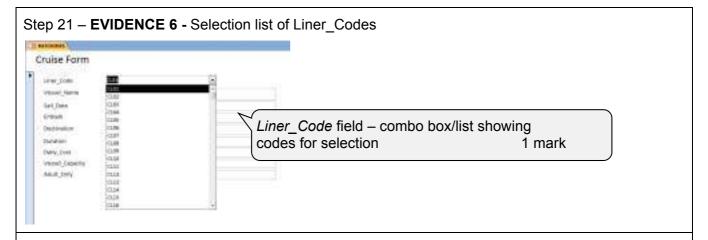


Step 20 - EVIDENCE 4 - Liner_Code as key field

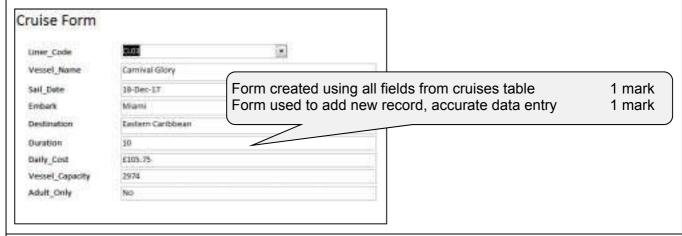
EVIDENCE 5 – Relationship between the two tables screen shot here:



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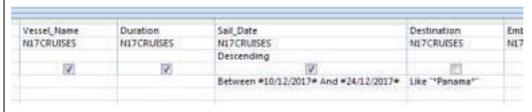
Step 22 – **EVIDENCE 7 –** Data entry form used to enter new record



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

Page 11 of 13

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]

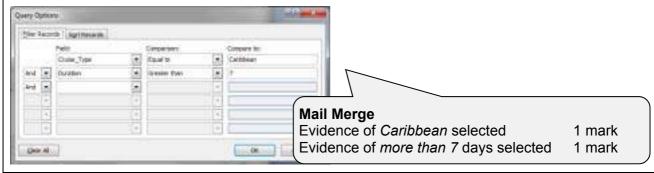
Step 30 – **EVIDENCE 13** – Date field screenshot here:

{ 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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