
INFORMATION TECHNOLOGY

9626/02

Paper 2 Practical

May/June 2018

MARK SCHEME

Maximum Mark: 110

Published

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.

Cambridge International will not enter into discussions about these mark schemes.

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Generic Marking Principles

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

GENERIC MARKING PRINCIPLE 1:

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

GENERIC MARKING PRINCIPLE 2:

Marks awarded are always **whole marks** (not half marks, or other fractions).

GENERIC MARKING PRINCIPLE 3:

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

GENERIC MARKING PRINCIPLE 4:

Rules must be applied consistently e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

GENERIC MARKING PRINCIPLE 5:

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

GENERIC MARKING PRINCIPLE 6:

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

PUBLISHED**Date digits column**

MID function used with correct brackets	1 mark
Relative cell reference to column A (cell A5)	1 mark
Selecting from the 17th character from the start	1 mark
Selecting 8 characters	1 mark

Date of transaction column

DATE function used with correct brackets	1 mark
For year:	
RIGHT function used	1 mark
From column B (cell B5)	1 mark
Selecting 4 characters	1 mark
For month:	
MID function used	1 mark
From column B (cell B5)	1 mark
Selecting from the 3rd character from the start	1 mark
Selecting 2 characters	1 mark
For day:	
LEFT function used	1 mark
From column B (cell B5)	1 mark
Selecting 2 characters	1 mark

D

2				
3				
4		Date digits	Date of transaction	Bank sort code
5	826155401952554714012018C4251	=MID(A5,17,8)	=DATE(RIGHT(B5,4),MID(B5,3,2),LEFT(B5,2))	=MID(A5,2,2)&"-"&MID(A5,4,2)&"-"&MID(A5,6,2)
6	126157735214568714012018D125400	=MID(A6,17,8)	=DATE(RIGHT(B6,4),MID(B6,3,2),LEFT(B6,2))	=MID(A6,2,2)&"-"&MID(A6,4,2)&"-"&MID(A6,6,2)
7	126154401254852415012018C6500	=MID(A7,17,8)	=DATE(RIGHT(B7,4),MID(B7,3,2),LEFT(B7,2))	=MID(A7,2,2)&"-"&MID(A7,4,2)&"-"&MID(A7,6,2)
8	534125436279130415012018C564213	=MID(A8,17,8)	=DATE(RIGHT(B8,4),MID(B8,3,2),LEFT(B8,2))	=MID(A8,2,2)&"-"&MID(A8,4,2)&"-"&MID(A8,6,2)
9	234012101205296715012018D168573	=MID(A9,17,8)	=DATE(RIGHT(B9,4),MID(B9,3,2),LEFT(B9,2))	=MID(A9,2,2)&"-"&MID(A9,4,2)&"-"&MID(A9,6,2)
10	526157773651330715012018C139543	=MID(A10,17,8)	=DATE(RIGHT(B10,4),MID(B10,3,2),LEFT(B10,2))	=MID(A10,2,2)&"-"&MID(A10,4,2)&"-"&MID(A10,6,2)
11	114010185962784215012018D395807	=MID(A11,17,8)	=DATE(RIGHT(B11,4),MID(B11,3,2),LEFT(B11,2))	=MID(A11,2,2)&"-"&MID(A11,4,2)&"-"&MID(A11,6,2)
12	136366948933146315012018C309855	=MID(A12,17,8)	=DATE(RIGHT(B12,4),MID(B12,3,2),LEFT(B12,2))	=MID(A12,2,2)&"-"&MID(A12,4,2)&"-"&MID(A12,6,2)
13	726155462371836115012018C43554	=MID(A13,17,8)	=DATE(RIGHT(B13,4),MID(B13,3,2),LEFT(B13,2))	=MID(A13,2,2)&"-"&MID(A13,4,2)&"-"&MID(A13,6,2)
14	926154442359095215012018C109958	=MID(A14,17,8)	=DATE(RIGHT(B14,4),MID(B14,3,2),LEFT(B14,2))	=MID(A14,2,2)&"-"&MID(A14,4,2)&"-"&MID(A14,6,2)
15	234125455558254315012018C9094	=MID(A15,17,8)	=DATE(RIGHT(B15,4),MID(B15,3,2),LEFT(B15,2))	=MID(A15,2,2)&"-"&MID(A15,4,2)&"-"&MID(A15,6,2)
16	036366924679129015012018C403445	=MID(A16,17,8)	=DATE(RIGHT(B16,4),MID(B16,3,2),LEFT(B16,2))	=MID(A16,2,2)&"-"&MID(A16,4,2)&"-"&MID(A16,6,2)
17	936366905699995715012018D424752	=MID(A17,17,8)	=DATE(RIGHT(B17,4),MID(B17,3,2),LEFT(B17,2))	
18	614010180178285715012018D313104	=MID(A18,17,8)	=DATE(RIGHT(B18,4),MID(B18,3,2),LEFT(B18,2))	
19	726154498446832315012018D14137	=MID(A19,17,8)	=DATE(RIGHT(B19,4),MID(B19,3,2),LEFT(B19,2))	
20	134012148828118115012018C3500	=MID(A20,17,8)	=DATE(RIGHT(B20,4),MID(B20,3,2),LEFT(B20,2))	
21	326154433755828215012018C122275	=MID(A21,17,8)	=DATE(RIGHT(B21,4),MID(B21,3,2),LEFT(B21,2))	
22	214010193304590916012018C184107	=MID(A22,17,8)	=DATE(RIGHT(B22,4),MID(B22,3,2),LEFT(B22,2))	
23	336366942777110416012018D21800	=MID(A23,17,8)	=DATE(RIGHT(B23,4),MID(B23,3,2),LEFT(B23,2))	

Bank sort code column

=MID(A5,2,2)	1 mark
Concatenate with (or &)	1 mark
"-"	1 mark
Concatenate with (or &)	1 mark
MID(A5,4,2)	1 mark
2 concatenates around "-"	1 mark
MID(A5,6,2)	1 mark

	E	F
1		
	Account number column = MID(A5,8,9) 1 mark	
2		
	Transmitted check digit column =LEFT(A5,1) *1 1 mark	
3	Account number	Transmitted check digit
4		
5	=MID(A5,8,9)	=LEFT(A5,1)*1
6	=MID(A6,8,9)	=LEFT(A6,1)*1
7	=MID(A7,8,9)	=LEFT(A7,1)*1
8	=MID(A8,8,9)	=LEFT(A8,1)*1
9	=MID(A9,8,9)	=LEFT(A9,1)*1
10	=MID(A10,8,9)	=LEFT(A10,1)*1
11	=MID(A11,8,9)	=LEFT(A11,1)*1
12	=MID(A12,8,9)	=LEFT(A12,1)*1
13	=MID(A13,8,9)	=LEFT(A13,1)*1
14	=MID(A14,8,9)	=LEFT(A14,1)*1
15	=MID(A15,8,9)	=LEFT(A15,1)*1
16	=MID(A16,8,9)	=LEFT(A16,1)*1
17	=MID(A17,8,9)	=LEFT(A17,1)*1
18	=MID(A18,8,9)	=LEFT(A18,1)*1
19	=MID(A19,8,9)	=LEFT(A19,1)*1
20	=MID(A20,8,9)	=LEFT(A20,1)*1
21	=MID(A21,8,9)	=LEFT(A21,1)*1
22	=MID(A22,8,9)	=LEFT(A22,1)*1
23	=MID(A23,8,9)	=LEFT(A23,1)*1

	G
1	
2	<p>Transactions for account: 000966543 between 14 January 2018 and 19 January 2018</p>
3	Calculated check digit
4	
5	=RIGHT(MID(E5,1,1)+MID(E5,2,1)+MID(E5,3,1)+MID(E5,4,1)+MID(E5,5,1)+MID(E5,6,1)+MID(E5,7,1)+MID(E5,8,1)+MID(E5,9,1),1)*1
6	=RIGHT(MID(E6,1,1)+MID(E6,2,1)+MID(E6,3,1)+MID(E6,4,1)+MID(E6,5,1)+MID(E6,6,1)+MID(E6,7,1)+MID(E6,8,1)+MID(E6,9,1),1)*1
7	=RIGHT(MID(E7,1,1)+MID(E7,2,1)+MID(E7,3,1)+MID(E7,4,1)+MID(E7,5,1)+MID(E7,6,1)+MID(E7,7,1)+MID(E7,8,1)+MID(E7,9,1),1)*1
8	=RIGHT(MID(E8,1,1)+MID(E8,2,1)+MID(E8,3,1)+MID(E8,4,1)+MID(E8,5,1)+MID(E8,6,1)+MID(E8,7,1)+MID(E8,8,1)+MID(E8,9,1),1)*1
9	=RIGHT(MID(E9,1,1)+MID(E9,2,1)+MID(E9,3,1)+MID(E9,4,1)+MID(E9,5,1)+MID(E9,6,1)+MID(E9,7,1)+MID(E9,8,1)+MID(E9,9,1),1)*1
10	=RIGHT(MID(E10,1,1)+MID(E10,2,1)+MID(E10,3,1)+MID(E10,4,1)+MID(E10,5,1)+MID(E10,6,1)+MID(E10,7,1)+MID(E10,8,1)+MID(E10,9,1),1)*1
11	=RIGHT(MID(E11,1,1)+MID(E11,2,1)+MID(E11,3,1)+MID(E11,4,1)+MID(E11,5,1)+MID(E11,6,1)+MID(E11,7,1)+MID(E11,8,1)+MID(E11,9,1),1)*1
12	=RIGHT(MID(E12,1,1)+MID(E12,2,1)+MID(E12,3,1)+MID(E12,4,1)+MID(E12,5,1)+MID(E12,6,1)+MID(E12,7,1)+MID(E12,8,1)+MID(E12,9,1),1)*1
13	=RIGHT(MID(E13,1,1)+MID(E13,2,1)+MID(E13,3,1)+MID(E13,4,1)+MID(E13,5,1)+MID(E13,6,1)+MID(E13,7,1)+MID(E13,8,1)+MID(E13,9,1),1)*1
14	=RIGHT(MID(E14,1,1)+MID(E14,2,1)+MID(E14,3,1)+MID(E14,4,1)+MID(E14,5,1)+MID(E14,6,1)+MID(E14,7,1)+MID(E14,8,1)+MID(E14,9,1),1)*1
15	=RIGHT(MID(E15,1,1)+MID(E15,2,1)+MID(E15,3,1)+MID(E15,4,1)+MID(E15,5,1)+MID(E15,6,1)+MID(E15,7,1)+MID(E15,8,1)+MID(E15,9,1),1)*1
16	=RIGHT(MID(E16,1,1)+MID(E16,2,1)+MID(E16,3,1)+MID(E16,4,1)+MID(E16,5,1)+MID(E16,6,1)+MID(E16,7,1)+MID(E16,8,1)+MID(E16,9,1),1)*1
17	=RIGHT(MID(E17,1,1)+MID(E17,2,1)+MID(E17,3,1)+MID(E17,4,1)+MID(E17,5,1)+MID(E17,6,1)+MID(E17,7,1)+MID(E17,8,1)+MID(E17,9,1),1)*1
18	=RIGHT(MID(E18,1,1)+MID(E18,2,1)+MID(E18,3,1)+MID(E18,4,1)+MID(E18,5,1)+MID(E18,6,1)+MID(E18,7,1)+MID(E18,8,1)+MID(E18,9,1),1)*1
19	=RIGHT(MID(E19,1,1)+MID(E19,2,1)+MID(E19,3,1)+MID(E19,4,1)+MID(E19,5,1)+MID(E19,6,1)+MID(E19,7,1)+MID(E19,8,1)+MID(E19,9,1),1)*1
20	=RIGHT(MID(E20,1,1)+MID(E20,2,1)+MID(E20,3,1)+MID(E20,4,1)+MID(E20,5,1)+MID(E20,6,1)+MID(E20,7,1)+MID(E20,8,1)+MID(E20,9,1),1)*1
21	=RIGHT(MID(E21,1,1)+MID(E21,2,1)+MID(E21,3,1)+MID(E21,4,1)+MID(E21,5,1)+MID(E21,6,1)+MID(E21,7,1)+MID(E21,8,1)+MID(E21,9,1),1)*1
22	=RIGHT(MID(E22,1,1)+MID(E22,2,1)+MID(E22,3,1)+MID(E22,4,1)+MID(E22,5,1)+MID(E22,6,1)+MID(E22,7,1)+MID(E22,8,1)+MID(E22,9,1),1)*1
23	=RIGHT(MID(E23,1,1)+MID(E23,2,1)+MID(E23,3,1)+MID(E23,4,1)+MID(E23,5,1)+MID(E23,6,1)+MID(E23,7,1)+MID(E23,8,1)+MID(E23,9,1),1)*1

Calculated check digit column

=RIGHT(... ,1)

1 mark

9 separate functions each containing ...

1 mark

... MID function referenced to column E (E5)

1 mark

... returning a single character each time

1 mark

... with each of the 9 characters added

1 mark

*1 / value / or equivalent to ensure numeric calculation

1 mark

	H	I	J	K	L
1					
2					
3	Working 1	Transaction	Working 2	Credit	Debit
4					
5	=IF(F5<>G5,"Error","")	=MID(A5,25,1)	=RIGHT(A5,LEN(A5)-25)	=IF(I5="C",J5/100,"")	=IF(I5="D",J5/100,"")
6	=IF(F6<>G6,"Error","")	=MID(A6,25,1)	=RIGHT(A6,LEN(A6)-25)	=IF(I6="C",J6/100,"")	=IF(I6="D",J6/100,"")
7	=IF(F7<>G7,"Error","")	=MID(A7,25,1)	=RIGHT(A7,LEN(A7)-25)	=IF(I7="C",J7/100,"")	=IF(I7="D",J7/100,"")
8	=IF(F8<>G8,"Error","")	=MID(A8,25,1)	=RIGHT(A8,LEN(A8)-25)	=IF(I8="C",J8/100,"")	=IF(I8="D",J8/100,"")
9	=IF(F9<>G9,"Error","")	=MID(A9,25,1)	=RIGHT(A9,LEN(A9)-25)	=IF(I9="C",J9/100,"")	=IF(I9="D",J9/100,"")
10	=IF(F10<>G10,"Error","")	=MID(A10,25,1)	=RIGHT(A10,LEN(A10)-25)	=IF(I10="C",J10/100,"")	=IF(I10="D",J10/100,"")
11	=IF(F11<>G11,"Error","")	=MID(A11,25,1)	=RIGHT(A11,LEN(A11)-25)	=IF(I11="C",J11/100,"")	=IF(I11="D",J11/100,"")
12	=IF(F12<>G12,"Error","")	=MID(A12,25,1)	=RIGHT(A12,LEN(A12)-25)	=IF(I12="C",J12/100,"")	=IF(I12="D",J12/100,"")
13	=IF(F13<>G13,"Error","")	=MID(A13,25,1)	=RIGHT(A13,LEN(A13)-25)	=IF(I13="C",J13/100,"")	=IF(I13="D",J13/100,"")
14	=IF(F14<>G14,"Error","")	=MID(A14,25,1)	=RIGHT(A14,LEN(A14)-25)	=IF(I14="C",J14/100,"")	=IF(I14="D",J14/100,"")
15	=IF(F15<>G15,"Error","")	=MID(A15,25,1)	=RIGHT(A15,LEN(A15)-25)	=IF(I15="C",J15/100,"")	=IF(I15="D",J15/100,"")
16	=IF(F16<>G16,"Error","")	=MID(A16,25,1)	=RIGHT(A16,LEN(A16)-25)	=IF(I16="C",J16/100,"")	=IF(I16="D",J16/100,"")
17	=IF(F17<>G17,"Error","")	=MID(A17,25,1)	=RIGHT(A17,LEN(A17)-25)	=IF(I17="C",J17/100,"")	=IF(I17="D",J17/100,"")
18	=IF(F18<>G18,"Error","")	=MID(A18,25,1)	=RIGHT(A18,LEN(A18)-25)	=IF(I18="C",J18/100,"")	=IF(I18="D",J18/100,"")
19	=IF(F19<>G19,"Error","")	=MID(A19,25,1)	=RIGHT(A19,LEN(A19)-25)	=IF(I19="C",J19/100,"")	=IF(I19="D",J19/100,"")
20	=IF(F20<>G20,"Error","")	=MID(A20,25,1)	=RIGHT(A20,LEN(A20)-25)	=IF(I20="C",J20/100,"")	=IF(I20="D",J20/100,"")
21	=IF(F21<>G21,"Error","")	=MID(A21,25,1)	=RIGHT(A21,LEN(A21)-25)	=IF(I21="C",J21/100,"")	=IF(I21="D",J21/100,"")
22	=IF(F22<>G22,"Error","")	=MID(A22,25,1)	=RIGHT(A22,LEN(A22)-25)	=IF(I22="C",J22/100,"")	=IF(I22="D",J22/100,"")
23	=IF(F23<>G23,"Error","")	=MID(A23,25,1)	=RIGHT(A23,LEN(A23)-25)	=IF(I23="C",J23/100,"")	=IF(I23="D",J23/100,"")

Working 1 column

=IF(...) with correct syntax

1 mark

Column F <> Column G

1 mark

Display some form of error flag

1 mark

Transaction column

=MID(A5,25,1)

1 mark

Working 2 column

=RIGHT(A5

,LEN(A5)

-25)

1 mark

1 mark

1 mark

Credit column

=IF(I5="C"

,J5/100

,"")

1 mark

1 mark

1 mark

Debit column

= IF(I5="D",J5/100,"")

1 mark

Replication of all formulae

1 mark

	O	P	Q
1			
2			
3	1	261554	Royal Bank of Tawara
4	2	261577	First Finance Bank
5	3	261544	SSB
6	4	341254	HBSB
7	5	340121	Santrander
8	6	261577	National Bank of LLaregrebb
9	7	140101	Queens Bank
10	8	363669	GBS

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A Candidate Z999 9999

4 Rows inserted in correct place	1 mark
186title.csv placed in rows 2 and 3	1 mark
Cells B2:L2 merged	1 mark
Row 2 - >=24 point sans serif font	1 mark
Dates extracted & added	1 mark
Dates in title in long date format	1 mark

F	G	H	I	J	K	L

Transactions for account: 000966543
between 14 January 2018
and 19 January 2018

3	Date digits	Date of transaction	Bank sort code	Account number	Transmitted check digit	Calculated check digit	Working 1	Transaction	Working 2	Credit	Debit
4											
5	14012018	14 January 2018	26-15-54	019525547	8	8		C	4251	\$42.51	
6	14012018	14 January 2018	26-15-77	352145687	1	1		D	125400		\$1,254.00
7	15012018	15 January 2018	26-15-44	012548524	1			C	6500	\$65.00	
8	15012018	15 January 2018	34-12-54	362791304	5	5		C	564213	\$5,642.13	
9	15012018	15 January 2018	34-01-21	012052967	2	2		D	168573		\$1,685.73
10	15012018	Date of transaction column				Transmitted check digit column					
11	15012018	In format 12 January 2018				Gives correct single digits					
12	15012018	15 January 2018	36-36-69	489331463	1	1		C	309855	\$3,098.55	
13	15012018	15 January 2018	26-15-54	623718361	7	7		C	43554	\$435.54	
14	15012018	15 January 2018	26-15-44	423590952	9	9		C	109958	\$1,099.58	
15	15012018	15 January 2018	34-12-54	555582543	2	2		C	9094	\$90.94	
16	15012018	15 January 2018	36-36-69	246791290	0	0		C	403445	\$4,034.45	
17	15012018	15 January 2018	36-36-69	056999957	9	9		D	424752		\$4,247.52
18	15012018	15 January 2018	14-01-01	801782857	6	6		D	313104		\$3,131.04
19	15012018	15 January 2018	26-15-44	984468323	7	7		D	14137		\$141.37
20	15012018	15 January 2018	34-01-21	488281181	1	1		C	3500	\$35.00	
21	15012018	15 January 2018	26-15-44	337558282	3	3		C	122275	\$1,222.75	
22	16012018	16 January 2018	14-01-01	933045909	2	2		C	184107	\$1,841.07	
23	16012018	16 January 2018	36-36-69	427771104	3	3		D	21800		\$218.00

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Only columns C,D,E,K and L fully visible 1 mark
 Row 3 text enhanced 1 mark
 Row 3 wrapped so no large spaces 1 mark
 Columns K and L right aligned with \$ and 2 dp 1 mark
 Correct values displayed in K and L 1 mark

	C	D	E	K	L
1					
2	Transactions for account: 000966543 between 14 January 2018 and 19 January 2018				
3	Date of transaction	Bank sort code	Account number	Credit	Debit
4					
5	14 January 2018	26-15-54	019525547	\$42.51	
6	14 January 2018	26-15-77	352145687		\$1,254.00
7	15 January 2018	26-15-44	012548524	\$65.00	
8	15 January 2018	34-12-54	362791304	\$5,642.13	
9	15 January 2018	34-01-21	012052967		\$1,685.73
10	15 January 2018	26-15-77	736513307	\$1,395.43	
11	15 January 2018	14-01-01	859627842		\$3,958.07
12	15 January 2018	36-36-69	489331463	\$3,098.55	
13	15 January 2018	26-15-54	623718361	\$435.54	
14	15 January 2018	26-15-44	423590952	\$1,099.58	
15	15 January 2018	34-12-54	555582543	\$90.94	
16	15 January 2018	36-36-69	246791290	\$4,034.45	
17	15 January 2018	36-36-69	056999957		\$4,247.52
18	15 January 2018	14-01-01	801782857		\$3,131.04
19	15 January 2018	26-15-44	984468323		\$141.37
20	15 January 2018	34-01-21	488281181	\$35.00	
21	15 January 2018	26-15-44	337558282	\$1,222.75	
22	16 January 2018	14-01-01	933045909	\$1,841.07	
23	16 January 2018	36-36-69	427771104		\$218.00

Evidence document

Evaluation:

Six from:

Function will trap some/not all transmission/data corruption errors	1 mark
Function/method are inefficient/may cause errors	1 mark
If two digits transposed then check digit is the same/ can not identify extra zeros	1 mark
The bank sort code (and other data) could be included within the check digit/checksum	1 mark
The use of a checksum (or other appropriate algorithm) would give more reliable error checking	1 mark
Manually checking the spreadsheet for the error message would be a time-consuming process	1 mark
This method changes erroneous data rather than requesting data to be re-sent	1 mark
The method of correction (incorrectly) assumes that the check digit is the error	1 mark
The error may be one or more digits in the account number	1 mark
Retransmission/resending of data would be required/requested	1 mark

Encryption:

Five from:

To scramble/jumble the data (for transmission)	1 mark
Requires an <u>encryption key</u> to encrypt data	1 mark
Requires a <u>private key/decryption key</u> to decrypt data/only the person with the decryption key will be able to use/understand the data	1 mark
To prevent data being understood if intercepted by a hacker	1 mark
It helps to prevent customer's personal data from being seen/used	1 mark
It helps to prevent transaction details/payment details from being seen/used	1 mark
Many banks use 128-bit or 256-bit encryption	1 mark
Some banks use 1024-bit encryption which is more secure than using the SSL in a secure website.	1 mark

Formatting – Bank_

	A	B	C	D
1	<i>The Bank of Tawara</i>			
2	<i>The ethical global bank</i>			
3				
4	Statement date:			
5				

Data entered as shown 1 mark
 All formatting and merging as shown 1 mark
 Gridlines visible for A1 to C4 only. 1 mark

Validation – Bank_

Data Validation

Settings Input Message Error Alert

Validation criteria

Allow:

Date ☐ Ignore blank

Data:

between

Start date:

01/01/2018

End date:

31/12/2018

☐ Apply these changes to all other cells with the same settings

Clear All OK Cancel

Cell B4 restricted to date only 1 mark
 From 1st January 2018 (inclusive) 1 mark
 =TODAY() or =NOW() or 01/05/2018 1 mark
 Appropriate error message displayed 1 mark

The screenshot shows the 'Data Validation' dialog box with the 'Error Alert' tab selected. The 'Settings' tab is also visible. The 'Show error alert after invalid data is entered' checkbox is checked. Below this, the text 'When user enters invalid data, show this error alert:' is followed by a red circle with a white 'X' icon. The 'Style' dropdown menu is set to 'Stop'. The 'Title' text box contains 'Data entry error'. The 'Error message' text box contains the text 'You can only enter a date in 2018 that is before today's date'. At the bottom, there are three buttons: 'Clear All', 'OK', and 'Cancel'.

Data Validation

Settings Input Message Error Alert

☒ Show error alert after invalid data is entered

When user enters invalid data, show this error alert:

Style: Stop

Title: Data entry error

Error message: You can only enter a date in 2018 that is before today's date

Clear All OK Cancel

Video file Bank_1_

Image ratio of software set to 16:9	1 mark
0 seconds:	
Black title background	1 mark
The Bank of Tawara – 100% accurate	1 mark
... top right corner and clearly visible	1 mark
... sans serif font	1 mark
... good contrast to background	1 mark
... appropriate font size	1 mark
Black background and text appear at same time	1 mark
Both placed for 10 seconds	1 mark
4 seconds:	1 mark
Add to previous text The ethical global bank added as new line	1 mark
6 seconds:	1 mark
Add to previous text Supporting the Manta Conservation Project	1 mark
As 2 new lines with identical formatting	1 mark
No adjustment/movement to existing text when new added	1 mark
10 seconds:	1 mark
Clip 186MCP.wmv	1 mark
22 seconds:	1 mark
Snapshot of final frame extracted	1 mark
Snapshot set as background for credits	1 mark
Credits present on right hand side with no overlap for other objects	1 mark
Credits:	
End at 34 seconds/12 seconds in length	1 mark
Credits include:	
Filmed by: DiveGBR	1 mark
Location: Huvadhoo Atoll	1 mark
Country: Maldives	1 mark
Produced for:	1 mark
The Bank of Tawara	1 mark
Advertising slogan	1 mark

PUBLISHED

Candidate name and numbers in credits	1 mark
Appropriate blank line(s) as spacing between credits	1 mark
All text is a large easily read font with good contrast	1 mark
Audio file clipped to last 34 seconds	1 mark
Attached to video clip along with existing soundtrack	1 mark
 Movie exported / saved with correct filename as Bank_1_ In wmv format	 1 mark 1 mark
Video file Bank_2_	
Same file exported with correct filename	1 mark
Same file exported in mp4 format	1 mark