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**INFORMATION TECHNOLOGY**

**9626/02**

Paper 2 Practical

**May/June 2018**

MARK SCHEME

Maximum Mark: 110

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**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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This document consists of **15** printed pages.

**PUBLISHED****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**

https://xtremepape.rs/

**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

		Date digits	Date of transaction	Bank sort code
2				
3				
4				
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		
2		
3	<b>Account number</b>	<b>Transmitted check digit</b>
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

**Account number column**  
= MID(A5,8,9) 1 mark

**Transmitted check digit column**  
=LEFT(A5,1) \*1 1 mark

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A Candidate ZZ999 9999

G	
1	
2	<p style="text-align: center;"><b>Transactions for account: 000966543 between 14 January 2018 and 19 January 2018</b></p>
3	<p><b>Calculated check digit</b></p>
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

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	H	I	J	K	L
1					
2					
3	<b>Working 1</b>	<b>Transaction</b>	<b>Working 2</b>	<b>Credit</b>	<b>Debit</b>
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			=RIGHT(A12,LEN(A12)-25)	=IF(I12="C",J12/100,"")	=IF(I12="D",J12/100,"")
13			=RIGHT(A13,LEN(A13)-25)	=IF(I13="C",J13/100,"")	=IF(I13="D",J13/100,"")
14			=RIGHT(A14,LEN(A14)-25)	=IF(I14="C",J14/100,"")	=IF(I14="D",J14/100,"")
15			=RIGHT(A15,LEN(A15)-25)	=IF(I15="C",J15/100,"")	=IF(I15="D",J15/100,"")
16			=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", "")			=IF(I18="C",J18/100,"")	=IF(I18="D",J18/100,"")
19	=IF(F19<>G19,"Error", "")	=IF(I5="C",J5/100,"")		=IF(I19="C",J19/100,"")	=IF(I19="D",J19/100,"")
20	=IF(F20<>G20,"Error", "")	=IF(I5="C",J5/100,"")		=IF(I20="C",J20/100,"")	=IF(I20="D",J20/100,"")
21	=IF(F21<>G21,"Error", "")	=IF(I5="C",J5/100,"")		=IF(I21="C",J21/100,"")	=IF(I21="D",J21/100,"")
22	=IF(F22<>G22,"Error", "")			=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,"")

**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

A Candidate ZZ999 9999

	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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- 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**

	Date digits	Date of transaction	Bank sort code	Account number	Transmitted check digit	Calculated check digit	Working 1	Transaction	Working 2	Credit	Debit
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										
11	15012018	<b>Date of transaction column In format 12 January 2018</b>			1 mark			<b>Transmitted check digit column Gives correct single digits</b>		1 mark	958.07
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	<b>Transactions for account:                      000966543                      between 14 January 2018                      and 19 January 2018</b>				
3	<b>Date of transaction</b>	<b>Bank sort code</b>	<b>Account number</b>	<b>Credit</b>	<b>Debit</b>
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 ? X

Settings | Input Message | Error Alert

Validation criteria

Allow: Date  Ignore blank

Data: between

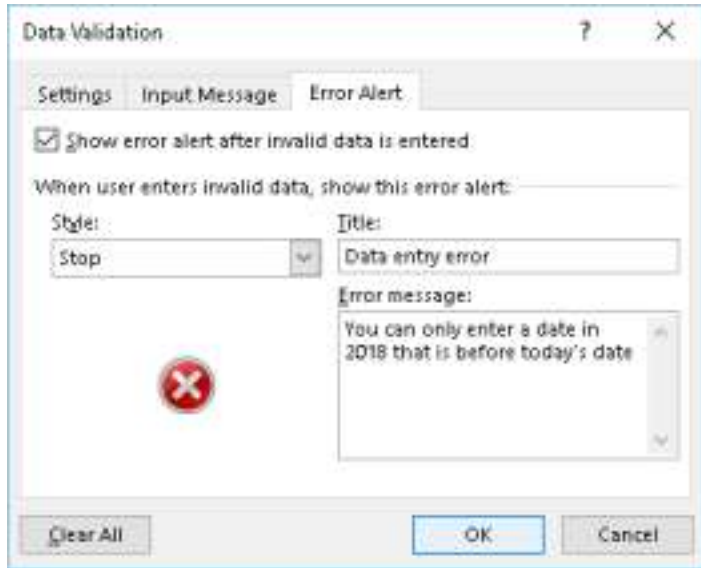
Start date: 01/01/2018

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



**Video file Bank\_1\_**

Image ratio of software set to 16:9	1 mark
0 seconds:	
Black title background	1 mark
<b>The Bank of Tawara</b> – 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 <b>The ethical global bank</b> added as new line	1 mark
6 seconds:	1 mark
Add to previous text <b>Supporting the Manta   Conservation Project</b>	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: Huvadho Atoll	1 mark
Country: Maldives	1 mark
Produced for:	1 mark
<b>The Bank of Tawara</b>	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_	1 mark
In wmv format	1 mark
<b>Video file Bank_2_</b>	
Same file exported with correct filename	1 mark
Same file exported in mp4 format	1 mark