

Cambridge Assessment International Education

Cambridge International General Certificate of Secondary Education

INFORMATION AND COMMUNICATION TECHNOLOGY

0417/31

Paper 3 Practical Test B

May/June 2019

MARK SCHEME
Maximum Mark: 80

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.

Cambridge International is publishing the mark schemes for the May/June 2019 series for most Cambridge IGCSE™, Cambridge International A and AS Level and Cambridge Pre-U components, and some Cambridge O Level components.

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



[Turn over

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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.

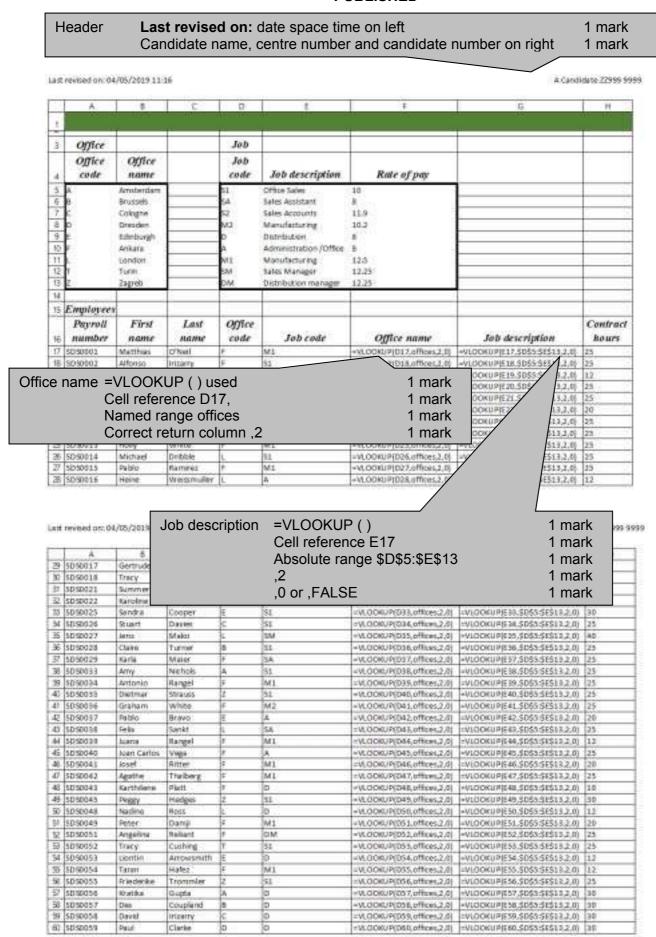
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Last revised on: 02/08/2019 13:14 A Candidate 22999 9999

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		,		-	30		SD	S W	eek	ly P	ay
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ir)	5050001	Matthias	D'feeti.	-	M1	Ankara	Manufacturing	23	25	€12.50	

Spreadsheet	Old rows 3 to 7 inclusive deleted	1 mark
Row 1	A1 to K1 merged	1 mark
	Sans-serif right aligned font	1 mark
	SDS Weekly Pay 100% accurate	1 mark
	White large font	1 mark
	Dark green background	1 mark
Row 2	Row height less than half row 5	1 mark
Rows 3,4,15,1	6 Serif, bold, italic font	1 mark
	Text wrapped in cells with no split words	1 mark
	Centre aligned text	1 mark
Rows 5-13	Office data & Job data - Border & fill	1 mark

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Last revised on: 04/05/2019 11:18 A Candidate 22999 9999

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61	stisposo	Otmar	Weber	34 10	0	PALDOKUP(D61,offices,2,0)	-VLOCKUP(ES1,5055:5E\$11,2,0)	101
62	5050062	Angle	White	P.	D	-14.0000/F[062,offices,2,0]	~VLOCKUP(E41,\$D\$5:\$E\$13,2,0)	25
8	5050063	Adelina	Serger	L.	0	-VLOGRUP(063;offices,2,0)	~VLOOKUP(E63,5055:58513.2.0)	30
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*J17 1 mark Replication All 4 columns replicated 1 mark Last revised on: 04/65/2019 11:25 A Candidate 22999 9999

34	2.0	i consequencial de agracia de la	K
29	38	=VLOOKUP(E29,\$0\$5;\$F\$13,3,6)	=(29°,129
10	12	=VLOOKUP(630,SD\$5;SP\$13,3.0)	=130*130
n	25	=VLCOKUP(E31,\$D\$5:\$F\$13,3,0)	=13.1 * 1111
0	12	+VLOCKUP(E12,5053:5F\$11,3,0)	-032*111
13	0	=VLOOKUP(E33,SD\$5:SF\$13,3.8)	:133*133
Ħ	25	=VI.GOKUP(634,\$D\$5;\$F\$13,3,0)	=134*134
E.	40	+VLOCKUP(E15,\$0\$5.\$F\$11,1,0)	ri33*135
36	25	~VLOOKUP(£16,5055;5F\$11,3,6)	-136"116
37 ·	25	-VLOOKUP(£17,5055-SF513,3,6)	-(3) th (5)
剪.	14	~VCOOKUP(E38,SD\$5:SF\$13,3,0)	4138*138
19	25	=VI.OOKUP(E39.SD\$5:SF\$13.3.0)	=13.9*139
40	25	+VLOCKUP(640,5055;5P\$13,3.0)	-1407140
41	25	=VLOOKUP(641,5055;5P\$13,3,0)	+451",141
2	22	=VL00KUP(642,\$055;\$F\$13,3.0)	=942*342
8	25	=VLOCKUP(643,5D\$5:SF\$13,3,8)	::41*143
44	12	=VL/COXUP(644,\$0\$5;\$F\$11,3,0)	164*144
6	25	=VE/OCKUP(845,5055;5F\$13,1,0)	×1451.45
46	20	=VLOOKUP(646,5055-5F\$13,3,6)	=146*146
12	25	=VLOOKUP(647,50\$5:\$P\$13,0,0)	1867° MJ
46	10	+VC-DOKUP(648,\$D\$5:\$F\$13,3,6)	-948*348
49	25	-VCOCKUP(649,5053:\$P\$13,3,0)	-145*145
50.	12	-VLDOKUP(E50,80\$5:\$F\$13,3,0)	-(50*150
51	20	+VUOOKUP(E51,SD\$5:SP\$13,3.0)	+151°J51
2	25	-VLOOKUP(652,5055;51513,3,0)	-652*152
23	16	=VLOOKUP(£53,5055;5F\$13,3.0)	<555°,153
94	12	=VEOOKUP(E54,SB\$5:\$F\$13,3,0)	=154*154
75	12	= VLOOKUP(E55,5D\$5:SF\$13,3,6)	=153°355
16	25	=VLOOKUP(656,\$D\$5;\$P\$11,3:0)	=(56*,/56
57	10	+VLOOKUP(857,50\$5:\$F\$13,3,6)	=157*157
98	10	-VE-DOKUP(\$38,\$0\$5,\$P\$13,3,6)	-158*134
29	30	±VEOOKUP(E59.SD\$5:\$F\$11.3.0)	=159*159
112	10	-VEGOKUP(680,\$D\$5:\$P\$13,3,0)	=i50*J60

Last revised on: 64/05/2019 11:36

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35	or I's	Serveren mortille agreement	K
61:	12	-VLOCKUP(861,5053:57513,3,0)	-(61°361
62	25.	-VLDOKUP[662,\$0\$5:\$P\$13,3,0]	=162°362
63	42	-VLOOKUP(E63,5065:SF\$13,3,0)	4163°363
64	40	=VLOOKUP[864;\$055:5F513;3;0]	=64°364
6	36	-VLDONUP[865,\$0\$3-\$7\$13,3,0]	-165°J65
66			
67	=COUNT(F)(17:)65,">(")		≥SUM(K17:K65

Printout Row and column headings displayed 1 mark
Landscape and fully visible 1 mark

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1	\$050009	Tiracy	Smith.	ř.	Mi	Ankara	Manufacturing	12	1.2	£12,50	\$150.00
	\$050007	Diver	Meurer	7	51	Ankana	Office Sales	25		670.00	4250.00
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	1010013	Febru	Revenue	P	M1	Anlore	Manufacturing	25	15	E11.50	¥312.50
8	\$050016	Historie	Weistmaller	j.	A .	London	Altri-nistration /Office	1.2		68.00	60.0

Data entry
Format

Hours worked 100% accurate and contract hours copied 1 mark
Rate of pay, Rate & Pay in Euros to 2dp 1 mark
Single page wide and fully visible 1 mark

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32 5050033	(Karpline	Streum	7	A	Ankara	Administration /Office	13	1.2	EE.00	696.00
32 3050025	Senitre	Cooper	2	10	Edinburgh	Office Sales	30	- 0	610.00	60.00
H4 SD50026	Stuart	Device	10	81	Cologne	Office Sales	250	26	£10.00	\$290.00
55 5050027	Sette	Maiol	L.	588	Lotydon	Salas Manager	400	40	€22.25	6490.00
96 5050029	Claire -	Parner	9	90	thrussels	Office Sales	15	25	\$38.00	£250.00
17 1050029	Marta	Major		5.6	éclara.	Sades Assistant	25	25	€8.00	1200.00
58 5050033	Arre	Nichola:	A	53.	Ampterdism	Office Sales	25	-34	\$20.00	4340.00
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40 5050055	Clatrear	Straune	2	52	Zagrati	Office Sales	25	25	630.00	6250.00
41 3090086	Graham.	White	#	M2	Arkere	Manufacturing	250	25	\$10.20	6255.00
42 5050007	Pablo	Bravo	Ε	A	Edinburgh	Administration /Office	30	(12	€8.00	6176.00
43 5050058	Palix	Sanit	E.	54	London	Saley Assistant	25	25	68,00	4200.00
64 3030039	Juana	Rangel	完	Mi	Ankara	Attenutaituning	120	.12	\$12.50	\$150.00
45 5050040	Juan Carles	Veps-	F	Α.:	Ankara.	Administration /Office	.25	35	€8.00	\$200.00
46 3050041	Josef	Bitter	ŕ	M1.	Arker's	Manufacturing	20	20	\$12.50	\$250.00
47 5050043	Agathe	Distant	7	M1.	Actors	Manufacturing:	25	25	€12.50	4312.50
48 5050043	Karthliene	Flatt	2	D	Ankata	Distribution	30	30	68.00	680.00
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50 5050048	Wedire	Foos	1.	D	Lotydon	Distribution	3.2	782	€8.00	495.00
51, 3050049	Peter	David		M1	dekara	Wanylacturing	20	30	\$12.50	\$250.00
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51 5050052	Thecy	Cushing	T	12	Turin	Office Sales	25	18	€10.00	€100.00
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55 5050054	Tares	Hadez	P	MI	Ankara	Warrafecturing	12	42	€12.50	€150.00
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58 5050057	Ces	Coupland	8	D	Brospels	Distribution	300	.30	€8.00	6240.00
59 5090058	Cakid	Printerry	c	Ď.	Cologne	Cistribution	900	30	\$8.00	\$240.00
ec 505005e	Paul	Clarke	D	D	Dranden	Distribution	30	30	€E.00	6240.00
(1 S050060	Otrear	Weter	E	D	fiderlaugh	distribution	90	12	68.00	£99.00

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62	1010062	Angle	White	W.	0	Ankana	Distribution	15	25	CS.00	£200.00
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67								Court	:47	-	£11,264,25

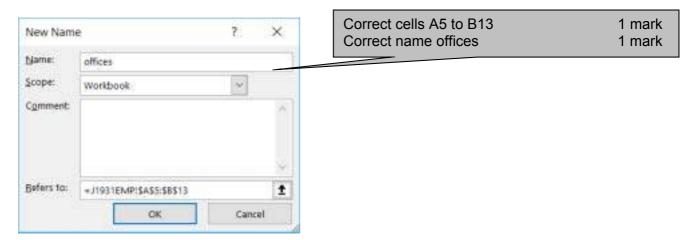
			SDS Wee	kly Pay	
Payroll number	First name	Last name	Office name	Job description	Pay
SDS0014	Michael	Dribble	London	Office Sales	€250.00
SDS0045	Peggy	Hedges	Zagreb	Office Sales	€250.00
SDS0027	lens	Maloi	London	Sales Manager	£490 00

SDS0045	Peggy	Hedges	Zagreb	Office Sales	€250.00
SDS0027	Jens	Maloi	London	Sales Manager	€490.00
SDS0038	Felix	Sankt	London	Sales Assistant	€200.00
SDS0035	Dietmar	Strauss	Zagreb	Office Sales	€250.00
SDS0055	Friederike	Trommler	Zagreb	Office Sales	€250.00
			_		

Extract	Work in London or Zagreb Sales in Job description Sorted ascending on Last name	1 mark 1 mark 1 mark
	Rows 3–15 and 67 hidden	1 mark
	Columns D, E, H, I, J hidden Single page fully visible	1 mark 1 mark

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Evidence 1



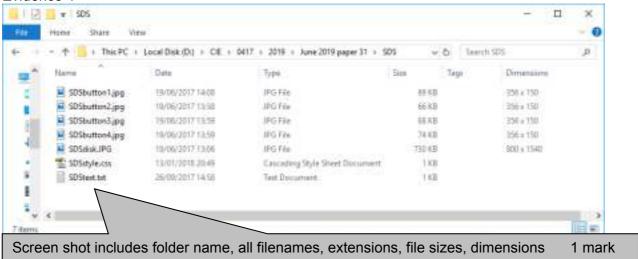
Evidence 2

Extreme data: 1, 12	2 marks
Abnormal data: any item of text, <1, >12, decimal/fraction	1 mark
Normal data: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	1 mark

Evidence 3

Four from:	
text-allign misspelt so won't work	1 mark
It will never open the default sans serif font as; after Arial	1 mark
Ineffective as it is a class not a style	1 mark
font-size statement is correct and works	1 mark
font-family would set font to Arial if it is available	1 mark

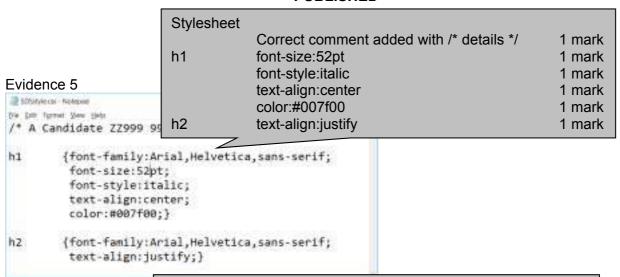
Evidence 4



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1 mark

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In browser with no letters vis 1 mark Table borders not visible 1 mark Left cell SDSdisk.jpg 1 mark Top row – Right cell Special-Disk-Sales 100% correct 1 mark in h1 1 mark Rows 2-5: Images as shown 1 mark Right cell: Text from file inserted Row 2: 1 mark New line Updated by: and candidate details 1 mark

Evidence 6

■ # □ DICKSHINJOHNANE ×



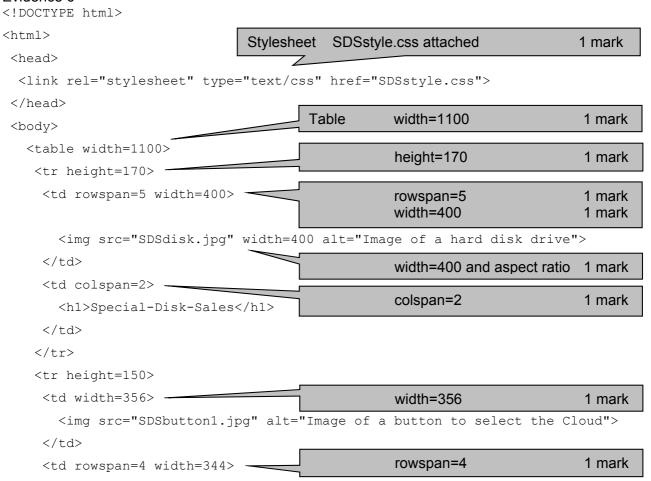
in h2

Special-Disk-Sales are more often referred to as SDS. We premium designers, manufacturers and retailers of hard disk drives, solid state drives. More recently we have developed a new range of secure cloud storage services. We have our own manufacturing facilities around the world. Our full product range can be viewed by clicking on the buttons to the left of this text. We are renowned for reliability and superb customer service.

Updated by: A Candidate 22999 9999

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Evidence 6



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<h2> Updated by: A Candidate ZZ999 9999</h2>
Rows 2-5
                                    height:150px
                                                        1 mark
-
                           Appropriate alt text for all 5 image
                                                        1 mark
>
  <img src="SDSbutton2.jpg" alt="Image of a button to select HDD">
\langle t.d \rangle
  <img src="SDSbutton3.jpg" alt="Image of a button to select SSD">
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