



Cambridge International AS & A Level

INFORMATION TECHNOLOGY

9626/02

Paper 2 Practical

For examination from 2022

MARK SCHEME

Maximum Mark: 90

Specimen

This document has **22** pages. Blank pages are indicated.

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.

Task	Answer	Marks
See Task 1 below for examples of graphics.		
1	White space and some of the sky removed	1
	Remaining image resized and cropped to 1648 × 927	1
	Available marks	2

Task	Answer	Marks
2	Image ratio of video identified as 16:9	1
	Video cut at 1 second	1
	Two parts saved with appropriate file formats	1
	Sound removed from original clip	1
	Available marks	4

Task	Answer	Marks
3	First frame of pipe2 extracted	1
	Final frame from pipe2 extracted	1
	Files saved as pipe1 and pipe3 respectively with appropriate file formats	1
	Available marks	3

Task	Answer	Marks
4	0 seconds Title background set to pipe1	1
	Title text Save the planet!	1
	Top right of screen and clearly visible	1
	Large easily read font with good contrast	1
	Effect added for title animation ...	1
	... with appropriate transition time (allowing time to read text)	1
	7 seconds	1
	Title and background retained with no adjustment/movement	1
	... from mankind as a new line	1
	Set as an appropriate subtitle	1
	10 seconds	1
	pipe1 clip placed as specified with no text displayed	1
	Smooth transition into video file pipe2	1
	Audio clip s2voice.mp3 starts	1
	11 seconds	1
	Smooth transition into image pipe3	1
	15 seconds Smooth transition into video file pipe4	1
	23 seconds 2 second animation effect into image waste	1
	28 seconds Black background for credits	1
	Credits scroll up the left of the screen	1
	Edited by: Candidate details in appropriate format	1
	Filmed by: GBRvideo	1
	Location Alinao, Philippines	1
	Audio by: KMBaudio	1
	Produced for: Planet Saviours	1
	Appropriate blank line(s) as spacing between credits	1
	Appropriate duration for credits	1
	All text in a consistent easily read font with good contrast and appropriate size	1
	Movie exported/saved as myvideo_ZZ999_9999.mp4 format	1
	All video clips and images fit the full screen	1
Available marks	30	

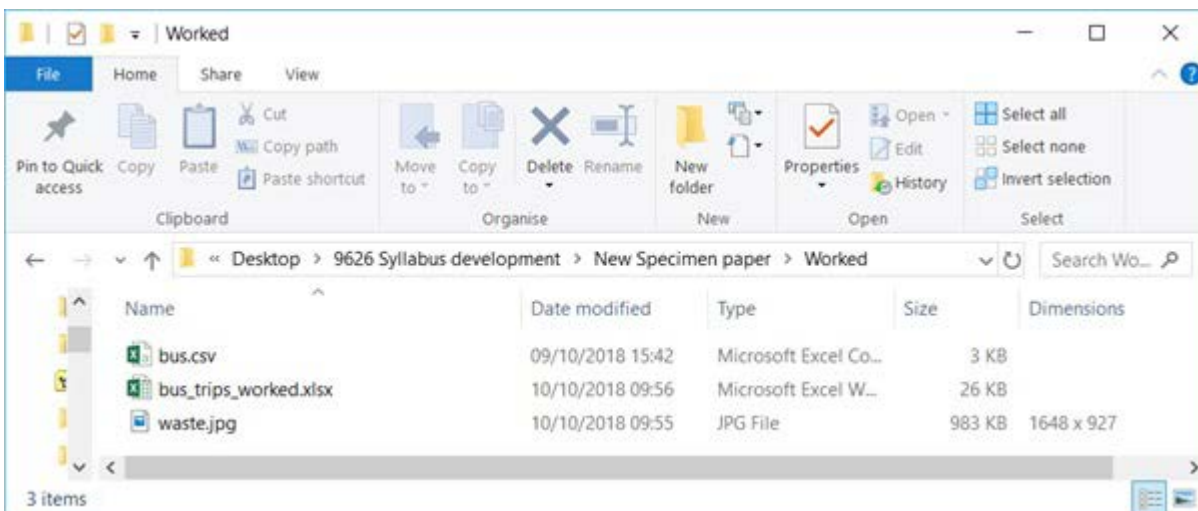
Task	Answer	Marks
See Tasks 5 and 6 below for example.		
5	Formulae B24 =COUNTIF(...)	1
	\$D18:\$AW18,	1
	Must include letters as absolute referencing	1
	B23	1
	B25 =COUNTIFS(...)	1
	\$D18:\$AW18,B23,	1
	\$D19:\$AW19,	1
	"<"	1
	& \$B\$1 with absolute referencing	1
	B26 =SUM(B25:I25)/SUM(B24:I24)	1
	D17 =SUM(D4:D16)	1
	D18 =VLOOKUP()	1
	D1, as absolute reference	1
	Reference to (unedited) bus.csv file	1
	Correct absolute range \$A\$2:\$C\$108	1
	,Correct return column ,3	1
	, False or ,0	1
	D19 VLOOKUP(D1, ...)	1
	Correct absolute range bus.csv!\$A\$2:\$D\$108	1
	Correct return column & false ,4,0	1
	/D18	1
	D20 =D18*	1
	=D19*	1
	Brackets around calculation for number of minutes	1
	HOUR(D17)	1
	*60	1
	+MINUTE(D17)	1
+IF()	1	
SECOND(D17)	1	
>=30 or >29	1	

Task	Answer	Marks
5	Returns 1 if >29	1
	Returns zero if <30	1
	All formulae replicated: from: D17/19 to AW17/19 & B24 to I25	1
	Conditional formatting Cell range D19 to AW19 only conditional formatting	1
	Cell value <= \$B\$1 ...	1
	... absolute referencing applied this cell	1
	... dark green background	1
	... white text	1
	Cell value > \$B\$1	1
	... yellow background	1
	... red text	1
	Formatting All CO ₂ emissions set to 4 decimal places	1
	All time values set to hh:mm:ss format	1
	Row 20 set in integer format	1
Row 26 in % format	1	
Available marks	45	

Task	Answer	Marks
See Tasks 5 and 6 below for example.		
6	Column A and rows 1–3 frozen	1
	Available marks	1

Task	Answer	Marks
7	Columns A and C protected	1
	Rows 17 to 20 (inclusive) protected	1
	Rest of worksheet unlocked	1
	Sheet is password protected with C4mbr1@g3 (and workbook unprotected)	1
	Available marks	4

Task	Answer	Marks
8	Data changed in cell B1 from 0.1 to 0.07 Resulting drop from 61% to 17%	1
	Available marks	1

Task 1

Tasks 5 and 6 Spreadsheet formulae – file CO2_

	A	B
1	Expected CO2 level/passenger/minute	0.1
2	(in Kg CO2/passenger/kilometre)	
3		
4	Expected time for this stage of the trip	0.0104166666666667
5		0.0048611111111111
6		0.0173611111111111
7		0.0083333333333333
8		0.0423611111111111
9		0.0215277777777778
10		0.0055555555555556
11		0.0097222222222222
12		0.0152777777777778
13		0.0069444444444444
14		0.0048611111111111
15		0.0083333333333333
16		0.0041666666666667
17	Total trip time	
18	Number of seats on this bus	
19	CO2 Emissions/passenger/minute	
20	Kilograms of CO2 used on this journey	
21		
22		
23	Number of seats on the bus	12
24	Number of buses in this group	=COUNTIF(\$D18:\$AW18,B23)
25	Number of buses meeting expected CO2 levels	=COUNTIFS(\$D18:\$AW18,B23,\$D19:\$AW19,"<"&\$B\$1)
26	Percentage of buses below the expected CO2 level/passenger/minute	=SUM(B25:I25)/SUM(B24:I24)

Formulae

B24 =COUNTIF(...)
 \$D18:\$AW18,
 Must include letters as absolute referencing
 B23

B25 =COUNTIFS(...)
 \$D18:\$AW18,B23,
 \$D19:\$AW19,
 "<"
 & \$B\$1 with absolute referencing
 B26 =SUM(B25:I25)/SUM(B24:I24)

	C			
1	Bus number	45		1
2	Departs Tawara at:	0.2090277777		1
3	Arrives in:			1
4	Beldovia	0.01162037037		1
5	Mandinga	0.00730324074		1
6	Kov	0.01793981481		1
7	Petroville	0.01104166666		1
8	Francholme	0.04616898148		1
9	Lipz	0.02231481481		1
10	Leggz	0.00722222222		1
11	Tobrum	0.01069444444		1
12	Tikritti	0.01740740740		1
13	Jalpezzi	0.00746527777		1
14	Kentrassi	0.00489583333		1
15	Nemolli	0.01015046296		1
16	Yektova	0.00446759259259259259		1
17		=SUM(D4:D16)		
18		=VLOOKUP(D1,bus.csv!\$A\$2:\$C\$108,3,0)		
19		=VLOOKUP(D1,bus.csv!\$A\$2:\$D\$108,4,0)/D18		
20		=D19*D18*(HOUR(D17)*60+MINUTE(D17)+IF(SECOND(D17)>=30,1,0))		
21				
22				
23	15	16		
24	=COUNTIF(\$D18:\$AW18,C23)			
25	=COUNTIFS(\$D18:\$AW18,C23,\$D19:\$AW19,"<"& \$B\$1)			
26				

Formulae

- D17 =SUM(D4:D16)
- D18 =VLOOKUP()
- D1, as absolute reference
- Reference to (unedited) bus.csv file
- Correct absolute range \$A\$2:\$C\$108
- , Correct return column ,3
- , False or ,0
- D19 VLOOKUP(D1, ...)
- Correct absolute range bus.csv!\$A\$2:\$D\$108
- Correct return column & false ,4,0
- /D18
- D20 =D18*
- =D19*
- Brackets around calculation for number of minutes
- HOUR(D17)
- *60
- +MINUTE(D17)
- +IF()
- SECOND(D17)
- >=30 or >29
- Returns 1 if >29
- Returns zero if <30
- All formulae replicated: from: D17/19 to AW17/19 & B24 to I25

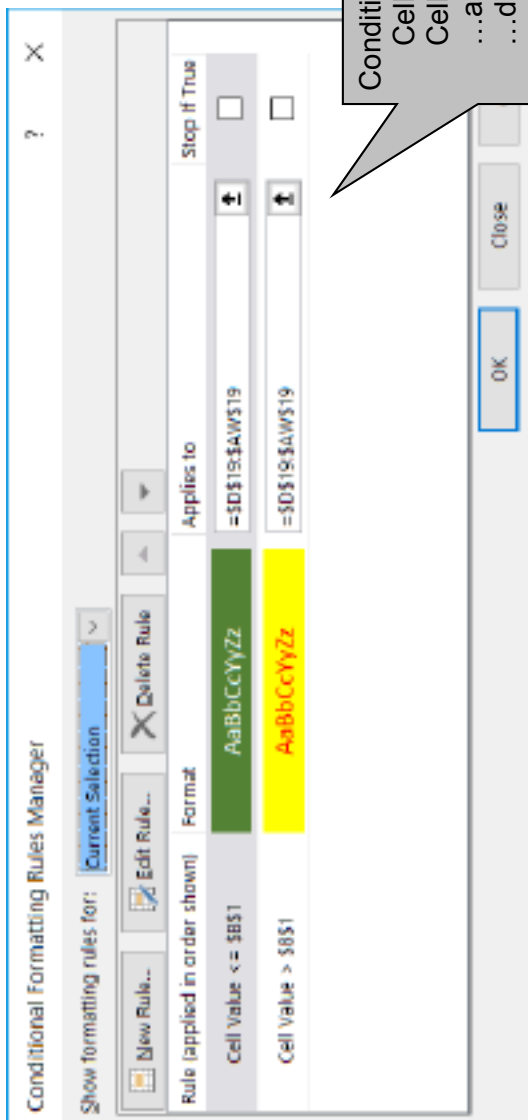
	E	F
1	16	13
2	0.226388888888889	0.240972222222222
3		
4	0.0174884259259259	0.0124884259259259
5	0.00869212962962963	0.00511574074074074
6	0.0197916666666667	0.02
7	0.0145949074074074	0.0106018518518519
8	0.0503935185185185	0.0431944444444444
9	0.0325	0.022037037037037
10	0.0110648148148148	0.00858796296296296
11	0.0162847222222222	0.0110069444444444
12	0.02125	0.0186111111111111
13	0.0117476851851852	0.00695601851851852
14	0.00890046296296296	0.00739583333333333
15	0.0143634259259259	0.00878472222222222
16	0.00648148148148148	0.00664351851851852
17	=SUM(E4:E16)	=SUM(F4:F16)
18	=VLOOKUP(E1,bus.csv!\$A\$2:\$C\$108,3,0)	=VLOOKUP(F1,bus.csv!\$A\$2:\$C\$108,3,0)
19	=VLOOKUP(E1,bus.csv!\$A\$2:\$D\$108,4,0)/E18	=VLOOKUP(F1,bus.csv!\$A\$2:\$D\$108,4,0)/F18
20	=E19*E18*(HOUR(E17)*60+MINUTE(E17)+IF(SECOND(E17)>=30,1,0))	=F19*F18*(HOUR(F17)*60+MINUTE(F17)+IF(SECOND(F17)>=30,1,0))
21		
22		
23	24	26
24	=COUNTIF(\$D18:\$AW18,E23)	=COUNTIF(\$D18:\$AW18,F23)
25	=COUNTIFS(\$D18:\$AW18,E23,\$D19:\$AW19,"<"&\$B\$1)	=COUNTIFS(\$D18:\$AW18,F23,\$D19:\$AW19,"<"&\$B\$1)
26		

	G	H
1	22	1
2	0.254166666666667	0.26875
3		
4	0.0133796296296296	0.0125231481481481
5	0.00571759259259259	0.00760416666666667
6	0.0199189814814815	0.0211111111111111
7	0.0106134259259259	0.00868055555555556
8	0.0465740740740741	0.0416087962962963
9	0.0245717592592593	0.024537037037037
10	0.00790509259259259	0.00703703703703704
11	0.0124884259259259	0.012025462962963
12	0.0159837962962963	0.0176388888888889
13	0.00862268518518518	0.00719907407407407
14	0.0071412037037037	0.00653935185185185
15	0.0105902777777778	0.00856481481481482
16	0.00520833333333333	0.00634259259259259
17	=SUM(G4:G16)	=SUM(H4:H16)
18	=VLOOKUP(G1,bus.csv!\$A\$2:\$C\$108,3,0)	=VLOOKUP(H1,bus.csv!\$A\$2:\$C\$108,3,0)
19	=VLOOKUP(G1,bus.csv!\$A\$2:\$D\$108,4,0)/G18	=VLOOKUP(H1,bus.csv!\$A\$2:\$D\$108,4,0)/H18
20	=G19*G18*(HOUR(G17)*60+MINUTE(G17)+IF(SECOND(G17)>=30,1,0))	=H19*H18*(HOUR(H17)*60+MINUTE(H17)+IF(SECOND(H17)>=30,1,0))
21		
22		
23	42	52
24	=COUNTIF(\$D18:\$AW18,G23)	=COUNTIF(\$D18:\$AW18,H23)
25	=COUNTIFS(\$D18:\$AW18,G23,\$D19:\$AW19,"<"&\$B\$1)	=COUNTIFS(\$D18:\$AW18,H23,\$D19:\$AW19,"<"&\$B\$1)
26		

	I	J
1	3	15
2	0.2819444444444444	0.2923611111111111
3		
4	0.0119328703703704	0.01135416666666667
5	0.00505787037037037	0.00487268518518519
6	0.0184606481481481	0.020150462962963
7	0.00935185185185185	0.0101041666666667
8	0.0443287037037037	0.0443865740740741
9	0.0250925925925926	0.0250694444444444
10	0.00581018518518519	0.00563657407407407
11	0.0106134259259259	0.0111458333333333
12	0.018599537037037	0.0172569444444444
13	0.00793981481481481	0.00935185185185185
14	0.00780092592592593	0.0071875
15	0.0101388888888889	0.0108101851851852
16	0.0073796296296296	0.00459490740740741
17	=SUM(I4:I16)	=SUM(J4:J16)
18	=VLOOKUP(I1,bus.csv!\$A\$2:\$C\$108,3,0)	=VLOOKUP(J1,bus.csv!\$A\$2:\$C\$108,3,0)
19	=VLOOKUP(I1,bus.csv!\$A\$2:\$D\$108,4,0)/I18	=VLOOKUP(J1,bus.csv!\$A\$2:\$D\$108,4,0)/J18
20	=I19*I18*(HOUR(I17)*60+MINUTE(I17)+IF(SECOND(I17)>=30,1,0))	=J19*J18*(HOUR(J17)*60+MINUTE(J17)+IF(SECOND(J17)>=30,1,0))
21		
22		
23	56	
24	=COUNTIF(\$D18:\$AW18,I23)	
25	=COUNTIFS(\$D18:\$AW18,I23,\$D19:\$AW19,"<"&\$B\$1)	
26		

replicated formulae in rows 17–20 ...

	AW
1	90
2	0.834027777777778
3	
4	0.0132638888888889
5	0.00568287037037
6	0.0191550925925926
7	0.010775462962963
8	0.0460185185185185
9	0.0247685185185185
10	0.00787037037037037
11	0.0112384259259259
12	0.0165509259259259
13	0.00726851851851852
14	0.00732638888888889
15	0.0104050925925926
16	0.00621527777777778
17	=SUM(AW4:AW16)
18	=VLOOKUP(AW1,bus.csv!\$A\$2:\$C\$108,3,0)
19	=VLOOKUP(AW1,bus.csv!\$A\$2:\$D\$108,4,0)/AW18
20	=AW19*AW18*(HOUR(AW17)*60+MINUTE(AW17)+IF(SECOND(AW17)>=30,1,0))
21	
22	
23	
24	
25	
26	



Conditional formatting
Cell range D19 to AW19 only conditional formatting 1
Cell value <=\$B\$1... 1
...absolute referencing applied this cell 1
...dark green background 1
...white text 1
Cell value >\$B\$1 1
...yellow background 1
...red text 1

Spreadsheet values and formatting – file CO2_

	A	B	C	D	E
1	Expected CO2 level/passenger/minute	0.1000	Bus number	45	16
2	(in Kg CO2/passenger/kilometre)		Departs Tawara at:	05:01:00	05:26:00
3			Arrives in:		
4	Expected time for this stage of the trip	00:15:00	Beldovia	00:16:44	00:25:11
5		00:07:00	Mandinga	00:10:31	00:12:31
6		00:25:00	Kov	00:25:50	00:28:30
7		00:12:00	Petroville	00:15:54	00:21:01
8		01:01:00	Francholme	01:06:29	01:12:34
9		00:31:00	Lipz	00:32:08	00:46:48
10		00:08:00	Leggz	00:10:24	00:15:56
11		00:14:00	Tobrum	00:15:24	00:23:27
12		00:22:00	Tikritti	00:25:04	00:30:36
13		00:10:00	Jalpezzi	00:10:45	00:16:55
14		00:07:00	Kentrassi	00:07:03	00:12:49
15		00:12:00	Nemolli	00:14:37	00:20:41
16		00:06:00	Yektova	00:06:26	00:09:20
17	Total trip time			04:17:19	05:36:19
18	Number of seats on this bus			52	24
19	CO2 Emissions/passenger/minute			0.1022	0.1216
20	Kilograms of CO2 used on this journey			1366	981
21					
22					
23	Number of seats on the bus	12	15	16	24
24	Number of buses in this group	2	0	10	19
25	Number of buses meeting expected CO2 levels	2	0	10	6
26	Percentage of buses below the expected CO2 level/passenger/minute	61%			

Formatting

- All CO2 emissions set to 4 decimal places
- All time values set to hh:mm:ss format
- Row 20 set in integer format
- Row 26 in % format
- Column A and rows 1–3 frozen

Freeze panes

	F	G	H	I	J	K	L
1	13	22	1	3	15	17	21
2	05:47:00	06:06:00	06:27:00	06:46:00	07:01:00	07:23:00	07:50:00
3							
4	00:17:59	00:19:16	00:18:02	00:17:11	00:16:21	00:16:13	00:19:28
5	00:07:22	00:08:14	00:10:57	00:07:17	00:07:01	00:11:20	00:08:02
6	00:28:48	00:28:41	00:30:24	00:26:35	00:29:01	00:29:16	00:26:43
7	00:15:16	00:15:17	00:12:30	00:13:28	00:14:33	00:15:30	00:12:10
8	01:02:12	01:07:04	00:59:55	01:03:50	01:03:55	01:04:13	01:00:53
9	00:31:44	00:35:23	00:35:20	00:36:08	00:36:06	00:34:42	00:30:58
10	00:12:22	00:11:23	00:10:08	00:08:22	00:08:07	00:11:15	00:12:08
11	00:15:51	00:17:59	00:17:19	00:15:17	00:16:03	00:16:34	00:17:51
12	00:26:48	00:23:01	00:25:24	00:26:47	00:24:51	00:23:48	00:26:35
13	00:10:01	00:12:25	00:10:22	00:11:26	00:13:28	00:11:36	00:11:41
14	00:10:39	00:10:17	00:09:25	00:11:14	00:10:21	00:09:43	00:07:17
15	00:12:39	00:15:15	00:12:20	00:14:36	00:15:34	00:13:30	00:16:14
16	00:09:34	00:07:30	00:09:08	00:10:34	00:06:37	00:06:30	00:10:17
17	04:21:15	04:31:45	04:21:14	04:22:45	04:21:58	04:24:10	04:20:17
18	24	24	16	16	24	24	24
19	0.1216	0.1192	0.0705	0.0713	0.1250	0.1178	0.1177
20	762	778	295	300	786	746	734
21							
22							
23	26	42	52	56			
24	4	3	7	1			
25	4	3	2	1			
26							

	M	N	O	P	Q	R	S
1	41	18	9	103	31	19	7
2	08:02:00	08:22:00	08:42:00	09:01:00	09:26:00	09:43:00	10:04:00
3							
4	00:19:58	00:15:45	00:19:56	00:18:48	00:18:59	00:15:58	00:16:56
5	00:10:18	00:10:01	00:09:25	00:07:28	00:09:06	00:11:35	00:07:52
6	00:27:58	00:26:34	00:28:00	00:28:53	00:27:08	00:30:22	00:28:28
7	00:15:56	00:16:58	00:12:59	00:15:37	00:12:07	00:13:04	00:16:28
8	01:02:58	01:07:41	01:06:21	01:01:11	01:03:31	01:04:18	01:05:37
9	00:32:32	00:31:17	00:34:32	00:34:41	00:32:14	00:34:57	00:33:34
10	00:10:27	00:08:10	00:09:17	00:12:25	00:12:15	00:08:34	00:12:08
11	00:17:09	00:15:52	00:17:54	00:16:30	00:18:27	00:15:30	00:18:31
12	00:26:58	00:24:00	00:23:09	00:24:50	00:25:19	00:23:58	00:23:23
13	00:11:40	00:13:35	00:12:50	00:10:27	00:13:12	00:14:25	00:10:13
14	00:08:12	00:11:09	00:08:45	00:07:07	00:11:24	00:08:12	00:08:31
15	00:15:38	00:13:13	00:15:48	00:15:08	00:14:23	00:12:58	00:16:14
16	00:06:20	00:09:22	00:10:20	00:08:22	00:09:22	00:08:20	00:07:23
17	04:26:04	04:23:37	04:29:16	04:21:27	04:27:27	04:22:11	04:25:18
18	52	24	16	42	26	24	16
19	0.1046	0.1232	0.0706	0.0280	0.0708	0.1174	0.0733
20	1447	781	304	307	492	738	311
21							
22							
23							
24							
25							
26							

	T	U	V	W	X	Y	Z
1	47	29	8	20	51	12	40
2	10:27:00	10:46:00	11:00:00	11:29:00	11:48:00	12:10:00	12:27:00
3							
4	00:19:14	00:20:01	00:18:52	00:16:24	00:16:23	00:18:13	00:17:25
5	00:12:41	00:13:00	00:11:52	00:09:18	00:07:05	00:07:29	00:10:00
6	00:29:34	00:31:31	00:35:41	00:29:03	00:29:21	00:30:12	00:28:55
7	00:16:39	00:18:43	00:19:05	00:12:43	00:12:36	00:16:38	00:13:25
8	01:06:01	01:20:58	01:11:25	01:04:29	01:05:06	01:01:36	01:04:41
9	00:35:43	00:43:11	00:40:56	00:32:00	00:32:32	00:34:05	00:32:34
10	00:12:33	00:11:34	00:10:56	00:09:13	00:09:36	00:09:08	00:08:43
11	00:20:07	00:16:38	00:18:27	00:14:49	00:17:09	00:17:18	00:16:41
12	00:29:34	00:25:27	00:29:24	00:24:09	00:27:10	00:26:05	00:22:24
13	00:12:22	00:18:44	00:14:14	00:14:22	00:10:26	00:12:27	00:13:11
14	00:10:00	00:14:10	00:07:36	00:11:19	00:09:20	00:11:22	00:09:40
15	00:16:54	00:16:34	00:16:03	00:14:28	00:12:33	00:12:47	00:12:24
16	00:07:09	00:13:05	00:10:31	00:10:26	00:06:26	00:06:13	00:07:03
17	04:48:31	05:23:36	05:05:02	04:22:43	04:15:43	04:23:33	04:17:06
18	52	26	16	24	16	16	26
19	0.0984	0.0715	0.0709	0.1215	0.0693	0.0756	0.0719
20	1479	603	346	767	284	319	480
21							
22							
23							
24							
25							
26							

	AA	AB	AC	AD	AE	AF	AG
1	11	42	48	43	67	104	101
2	12:46:00	13:09:00	13:27:00	13:48:00	14:04:00	14:28:00	14:47:00
3							
4	00:19:13	00:19:28	00:17:38	00:18:36	00:20:22	00:19:54	00:19:02
5	00:11:34	00:08:11	00:08:28	00:09:16	00:08:38	00:08:18	00:08:31
6	00:26:03	00:28:34	00:28:11	00:27:41	00:28:28	00:24:52	00:27:44
7	00:16:33	00:13:28	00:14:10	00:14:21	00:13:00	00:16:43	00:15:06
8	01:04:48	01:04:12	01:02:22	01:04:11	01:12:53	01:05:02	01:02:49
9	00:35:54	00:32:17	00:31:47	00:33:21	00:37:17	00:32:30	00:33:43
10	00:12:27	00:11:22	00:11:34	00:09:49	00:10:41	00:11:00	00:08:27
11	00:17:10	00:19:05	00:17:34	00:18:44	00:20:47	00:17:56	00:16:08
12	00:23:18	00:23:09	00:22:31	00:22:49	00:21:39	00:25:07	00:22:53
13	00:12:13	00:11:28	00:10:30	00:13:21	00:10:12	00:11:29	00:13:43
14	00:11:22	00:10:27	00:08:06	00:07:22	00:12:03	00:07:29	00:09:31
15	00:14:16	00:12:06	00:13:53	00:15:22	00:18:30	00:13:35	00:16:36
16	00:10:11	00:07:17	00:06:03	00:06:34	00:10:52	00:10:35	00:10:22
17	04:35:02	04:21:04	04:12:47	04:21:27	04:45:22	04:24:30	04:24:35
18	16	52	52	52	12	56	42
19	0.0712	0.0973	0.1003	0.1018	0.0728	0.0269	0.0293
20	313	1321	1319	1381	249	399	326
21							
22							
23							
24							
25							
26							

	AH	AI	AJ	AK	AL	AM	AN
1	102	87	64	85	86	27	46
2	15:07:00	15:27:00	15:43:00	16:10:00	16:27:00	16:44:00	17:00:00
3							
4	00:19:40	00:17:51	00:22:20	00:16:54	00:15:16	00:16:17	00:16:35
5	00:09:15	00:10:31	00:09:36	00:10:35	00:06:59	00:09:38	00:09:36
6	00:29:25	00:28:38	00:42:00	00:29:11	00:29:26	00:27:51	00:25:59
7	00:13:43	00:13:57	00:18:01	00:16:11	00:11:56	00:16:30	00:14:43
8	01:08:10	01:04:43	01:23:12	01:01:44	01:05:29	01:06:06	01:01:50
9	00:32:21	00:33:00	00:35:37	00:35:00	00:32:57	00:33:36	00:32:55
10	00:08:42	00:10:06	00:11:10	00:09:23	00:08:30	00:09:15	00:10:13
11	00:17:16	00:14:00	00:18:22	00:17:39	00:17:31	00:16:44	00:15:01
12	00:25:56	00:25:50	00:27:40	00:25:49	00:25:08	00:26:30	00:22:31
13	00:13:19	00:13:15	00:15:31	00:10:07	00:12:37	00:10:14	00:11:19
14	00:11:24	00:10:22	00:12:18	00:09:01	00:07:12	00:09:04	00:11:19
15	00:14:50	00:13:33	00:18:52	00:16:50	00:13:29	00:12:36	00:16:33
16	00:07:54	00:07:29	00:07:22	00:08:07	00:07:11	00:06:10	00:06:24
17	04:31:55	04:23:15	05:22:01	04:26:31	04:13:41	04:20:31	04:14:58
18	42	24	12	24	24	26	52
19	0.0290	0.0699	0.0712	0.0699	0.0725	0.0742	0.1050
20	331	441	275	448	442	504	1392
21							
22							
23							
24							
25							
26							

	AO	AP	AQ	AR	AS	AT	AU
1	22	1	3	15	17	21	88
2	17:26:00	17:45:00	18:03:00	18:23:00	18:45:00	19:05:00	19:21:00
3							
4	00:18:28	00:18:05	00:15:11	00:16:46	00:19:24	00:17:20	00:18:35
5	00:08:35	00:11:15	00:08:26	00:09:25	00:10:57	00:09:28	00:10:22
6	00:29:43	00:24:55	00:27:56	00:26:38	00:29:15	00:29:08	00:26:55
7	00:12:53	00:15:13	00:15:27	00:14:33	00:13:10	00:12:16	00:13:23
8	01:09:32	01:05:45	01:03:15	01:02:02	01:04:21	01:03:44	01:04:06
9	00:38:07	00:32:36	00:36:58	00:32:11	00:32:47	00:35:43	00:33:10
10	00:13:19	00:10:17	00:08:20	00:11:57	00:11:56	00:10:53	00:08:00
11	00:16:57	00:18:15	00:17:16	00:15:33	00:16:23	00:17:34	00:15:44
12	00:24:41	00:25:15	00:22:13	00:26:25	00:26:32	00:23:02	00:24:49
13	00:16:37	00:12:22	00:11:46	00:10:01	00:11:32	00:10:21	00:14:42
14	00:11:59	00:10:19	00:11:20	00:11:43	00:08:19	00:08:30	00:09:40
15	00:11:54	00:14:28	00:14:52	00:15:02	00:14:34	00:15:34	00:15:07
16	00:10:40	00:06:30	00:05:58	00:06:35	00:06:21	00:09:11	00:07:18
17	04:43:25	04:25:15	04:18:58	04:18:51	04:25:31	04:22:44	04:21:51
18	24	16	16	24	24	24	24
19	0.1192	0.0705	0.0713	0.1250	0.1178	0.1177	0.0692
20	810	299	296	777	752	743	435
21							
22							
23							
24							
25							
26							

	AV	AW
1	89	90
2	19:50:00	20:01:00
3		
4	00:25:45	00:19:06
5	00:12:38	00:08:11
6	00:39:24	00:27:35
7	00:19:00	00:15:31
8	01:15:57	01:06:16
9	00:46:42	00:35:40
10	00:10:19	00:11:20
11	00:24:07	00:16:11
12	00:34:02	00:23:50
13	00:14:45	00:10:28
14	00:12:06	00:10:33
15	00:17:16	00:14:59
16	00:10:30	00:08:57
17	05:42:31	04:28:37
18	24	24
19	0.0757	0.0749
20	623	483
21		
22		
23		
24		
25		
26		