Cambridge Assessment International Education

Cambridge International AS & A Level

INFORMATION TECHNOLOGY **9626/02**

Paper 2 Practical **For examination from 2020**

MARK SCHEME

Maximum Mark: 110

Specimen

This document has **14** 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
1	See Task 1–11 below for allocation of marks.	**3**
2	See Task 1–11 below for allocation of marks.	**6**
3	See Task 1–11 below for allocation of marks.	**7**
4	See Task 1–11 below for allocation of marks.	**7**
5	See Task 1–11 below for allocation of marks.	**2**
6	See Task 1–11 below for allocation of marks.	**2**
7	See Task 1–11 below for allocation of marks.	**4**
8	See Task 1–11 below for allocation of marks.	**1**
9	See Task 1–11 below for allocation of marks.	**1**
10	See Task 1–11 below for allocation of marks.	**1**
11	See Task 1–11 below for allocation of marks.	**2**
12	See Task 12–16 below for allocation of marks.	**2**
13	See Task 12–16 below for allocation of marks.	**6**
14	See Task 12–16 below for allocation of marks.	**7**
15	See Task 12–16 below for allocation of marks.	**1**
16	See Task 12–16 below for allocation of marks.	**3**
17	See Task 15 below for allocation of marks.	**5**
18	See Task 18 and 25–28 below for allocation of marks.	**3**
19	See Task 19 below for allocation of marks.	**5**
20	See Task 20 below for allocation of marks.	**11**
21	See Task 21 below for allocation of marks.	**1**
22	See Task 22 below for allocation of marks.	**4**
23	See Task 23 below for allocation of marks.	**10**
24	See Task 24 and 29 below for allocation of marks.	**1**
25	See Task 18 and 25–28 below for allocation of marks.	**4**
26	See Task 18 and 25–28 below for allocation of marks.	**3**
27	See Task 18 and 25–28 below for allocation of marks.	**5**
28	See Task 18 and 25–28 below for allocation of marks.	**1**
29	See Task 24 and 29 below for allocation of marks.	**2**

Task 1–11

Video file Coral1

Coral1	Image ratio of software set to 4:3	1 mark
	Start of video cut	1 mark
	Only 9 seconds of video remain	1 mark
	Title background set to BrainCoralAndManta.jpg	1 mark
	Title 7 seconds duration	1 mark
	Title text Hard Coral 3	1 mark
	Top right of screen and clearly visible	1 mark
	Large easily read font with good contrast	1 mark
	Effect added for title animation	1 mark
	Caption background set to BrainCoralAndManta.jpg	1 mark
	Placed between title frames and video	1 mark
	Caption 7 seconds duration	1 mark
	Caption text University of Tawara	1 mark
	On 2nd line … Marine Biology Unit 14C	1 mark
	Centre and top of screen in clearly visible font with good contrast	1 mark
	Different effect added for caption animation	1 mark
	Snapshot of final frame extracted in appropriate format	1 mark
	… and set as background	1 mark
	Credits 7 seconds duration	1 mark
	Credits include Location(Addu Atoll)	1 mark
	Credits include Country (Maldives)	1 mark
	Appropriate blank line/s as spacing between credits	1 mark
	Candidate name & numbers in credits in appropriate format	1 mark
	Movie saved with filename Coral1_ZZ999_1234	1 mark
	In wmv format	1 mark

Audio file Soundtrack2

Soundtrack2	End of clip removed	1 mark
	… cut to 30 seconds	1 mark
	Fade in present	1 mark
	… with appropriate duration for length of sound clip	1 mark
	Fade out present	1 mark
	… with appropriate duration for length of sound clip	1 mark
	Audio clip saved as Soundtrack2(.mp3)	1 mark

Video file Coral2

Coral2	Soundtrack added as specified	1 mark
	Movie saved in wmv format	1 mark

Video file Coral3

Coral3	Export or conversion of file type	1 mark
	In mp4 format	1 mark

Task 12–16

Correct data file used		1 mark
Header	Text 100% correct	1 mark
Must contain candidate name and numbers		

Available Courses – last edited by: A Candidate, ZZ999_1234

	C	D	E	F	G
1	*Faculty code*	*Faculty*	*Level_code*	*Level*	*Full_Time?*
2	Ag	=VLOOKUP(C2,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E2,Quals.csv!$A$2:$B$13,2,FALSE)	-1
3	Ag	=VLOOKUP(C3,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc		-1
4	Ag	=VLOOKUP(C4,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc		-1
5	Ar	=VLOOKUP(C5,Faculty.csv!$A$2:$B$18,2,FALSE)	BA		-1
6	Ar	=VLOOKUP(C6,Faculty.csv!$A$2:$B$18,2,FALSE)	BA		-1
7	Ar	=VLOOKUP(C7,Faculty.csv!$A$2:$B$18,2,FALSE)	BA	=VLOOKUP(E7,Quals.csv!$A$2:$B$13,2,FALSE)	-1
8	Ar	=VLOOKUP(C8,Faculty.csv!$A$2:$B$18,2,FALSE)	BA	=VLOOKUP(E8,Quals.csv!$A$2:$B$13,2,FALSE)	-1
9	Ar	=VLOOKUP(C9,Faculty.csv!$A$2:$B$18,2,FALSE)	BA	=VLOOKUP(E9,Quals.csv!$A$2:$B$13,2,FALSE)	-1
10	Ar	=VLOOKUP(C10,Faculty.csv!$A$2:$B$18,2,FALSE)	BA	=VLOOKUP(E10,Quals.csv!$A$2:$B$13,2,FALSE)	-1
11	Ar	=VLOOKUP(C11,Faculty.csv!$A$2:$B$18,2,FALSE)	MA	=VLOOKUP(E11,Quals.csv!$A$2:$B$13,2,FALSE)	-1
12	Ar	=VLOOKUP(C12,Faculty.csv!$A$2:$B$18,2,FALSE)	BA	=VLOOKUP(E12,Quals.csv!$A$2:$B$13,2,FALSE)	-1
13	Ar	=VLOOKUP(C13,Faculty.csv!$A$2:$B$18,2,FALSE)	MA	=VLOOKUP(E13,Quals.csv!$A$2:$B$13,2,FALSE)	-1
14	Ar	=VLOOKUP(C14,Faculty.csv!$A$2:$B$18,2,FALSE)	BA	=VLOOKUP(E14,Quals.csv!$A$2:$B$13,2,FALSE)	-1
15	Ar		BA		-1
16	Ar		BA		-1
17	Co		BSc		-1
18	Co		MSc		-1
19	Co		MSc		-1
20	Co		BSc		-1
21	Co	=VLOOKUP(C21,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc		-1
22	Co	=VLOOKUP(C22,Faculty.csv!$A$2:$B$18,2,FALSE)	MEng		-1
23	Co	=VLOOKUP(C23,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E23,Quals.csv!$A$2:$B$13,2,FALSE)	-1
24	Co	=VLOOKUP(C24,Faculty.csv!$A$2:$B$18,2,FALSE)	MEng	=VLOOKUP(E24,Quals.csv!$A$2:$B$13,2,FALSE)	-1
25	Co	=VLOOKUP(C25,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E25,Quals.csv!$A$2:$B$13,2,FALSE)	-1
26	Co	=VLOOKUP(C26,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E26,Quals.csv!$A$2:$B$13,2,FALSE)	-1

Row 1

Fill	Pale blue	1 mark
Font	Red italic	1 mark
	Sans-serif	1 mark

Faculty column

Lookup	Function used	1 mark
Cell ref	Column C	1 mark
	Relative reference	1 mark
Range	Faculty.csv	1 mark
	Correct range	1 mark
	Absolute reference	1 mark

Level column

Lookup	Function used	1 mark
Cell ref	Column E	1 mark
	Relative reference	1 mark
Range	Quals.csv	1 mark
	Correct range	1 mark
	Absolute reference	1 mark
	,False (or Sorted sub-file)	1 mark
	Only award if results correct	
Replication	Both formulae (to 276)	1 mark

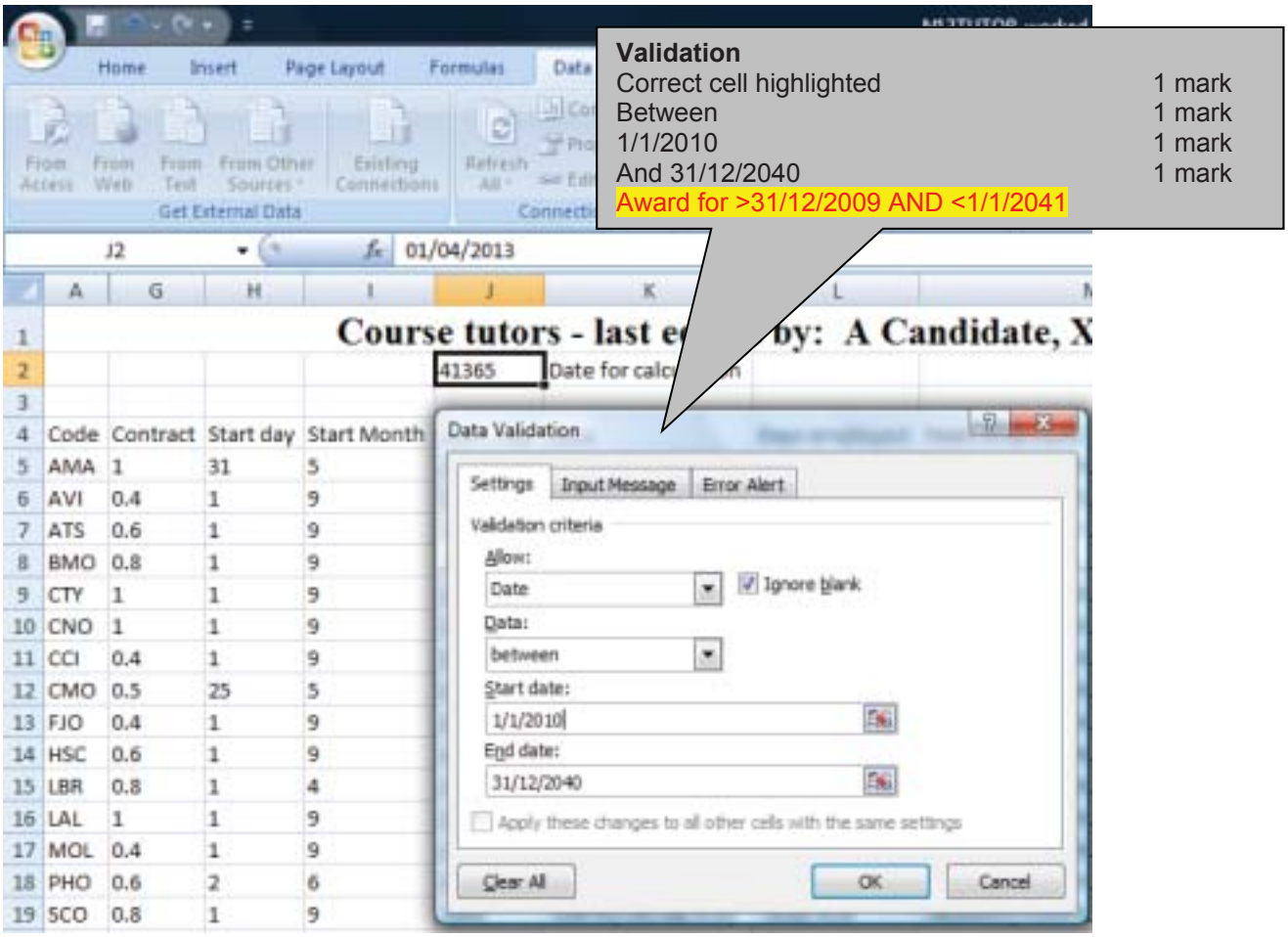
	C	D	E	F	G
259	Sc	=VLOOKUP(C259,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E259,Quals.csv!$A$2:$B$13,2,FALSE)	-1
260	Sc	=VLOOKUP(C260,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E260,Quals.csv!$A$2:$B$13,2,FALSE)	-1
261	Sc	=VLOOKUP(C261,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E261,Quals.csv!$A$2:$B$13,2,FALSE)	-1
262	Sc	=VLOOKUP(C262,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E262,Quals.csv!$A$2:$B$13,2,FALSE)	-1
263	Sc	=VLOOKUP(C263,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E263,Quals.csv!$A$2:$B$13,2,FALSE)	-1
264	Sc	=VLOOKUP(C264,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E264,Quals.csv!$A$2:$B$13,2,FALSE)	-1
265	Sc	=VLOOKUP(C265,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E265,Quals.csv!$A$2:$B$13,2,FALSE)	-1
266	Sc	=VLOOKUP(C266,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E266,Quals.csv!$A$2:$B$13,2,FALSE)	-1
267	Sc	=VLOOKUP(C267,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E267,Quals.csv!$A$2:$B$13,2,FALSE)	-1
268	Sc	=VLOOKUP(C268,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E268,Quals.csv!$A$2:$B$13,2,FALSE)	-1
269	Sc	=VLOOKUP(C269,Faculty.csv!$A$2:$B$18,2,FALSE)	MPharm	=VLOOKUP(E269,Quals.csv!$A$2:$B$13,2,FALSE)	-1
270	Sc	=VLOOKUP(C270,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E270,Quals.csv!$A$2:$B$13,2,FALSE)	-1
271	Sc	=VLOOKUP(C271,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E271,Quals.csv!$A$2:$B$13,2,FALSE)	-1
272	Sc	=VLOOKUP(C272,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E272,Quals.csv!$A$2:$B$13,2,FALSE)	-1
273	Sc	=VLOOKUP(C273,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E273,Quals.csv!$A$2:$B$13,2,FALSE)	-1
274	Sc	=VLOOKUP(C274,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E274,Quals.csv!$A$2:$B$13,2,FALSE)	-1
275	Sc	=VLOOKUP(C275,Faculty.csv!$A$2:$B$18,2,FALSE)	MSc	=VLOOKUP(E275,Quals.csv!$A$2:$B$13,2,FALSE)	-1
276	Sc	=VLOOKUP(C276,Faculty.csv!$A$2:$B$18,2,FALSE)	BSc	=VLOOKUP(E276,Quals.csv!$A$2:$B$13,2,FALSE)	-1

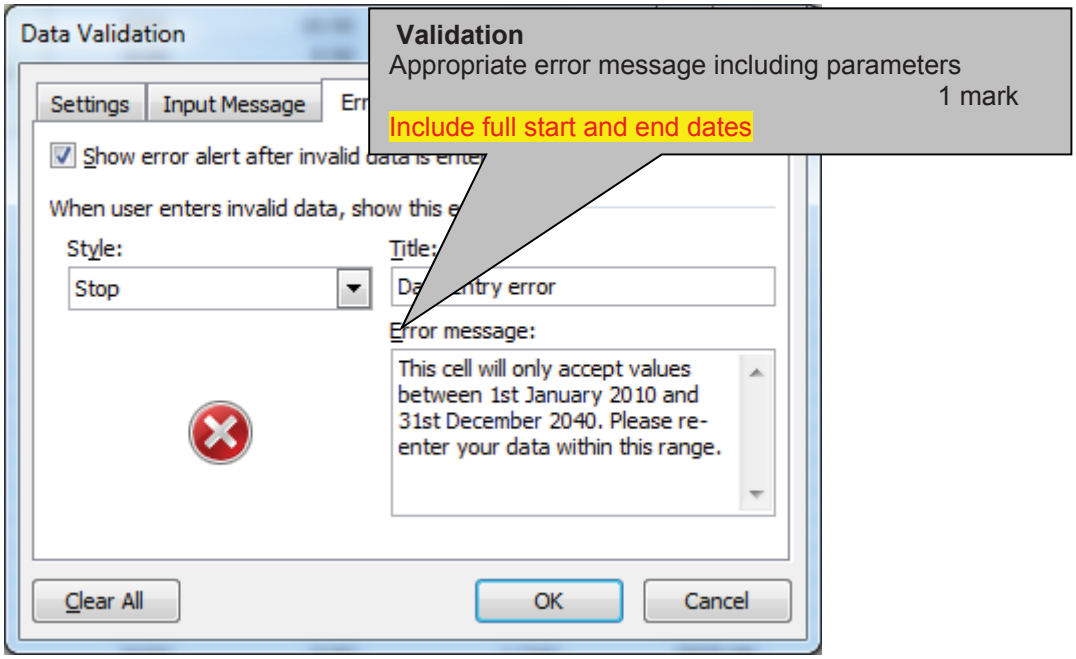
Task 17

Code	Course_Title	Faculty code	Faculty	Level_code	Level	Full_Time?
LA-EU-2	European Union Law	La	Law	LLM	Masters in Law	-1
EC-BI-2	Business Information Management	Ec	Economics	MSc	Master of Science	-1
EC-BT-2	Business Technology Consulting	Ec	Economics	MSc	Master of Science	-1
EC-CP-2	Corporate Finance	Ec	Economics	MSc	Master of Science	-1
EC-DF-2	Development Finance	Ec	Economics	MSc	Master of Science	-1
EC-DP-2	Development Planning	Ec	Economics	MSc	Master of Science	-1
EC-FM-2	Financial Risk Management	Ec	Economics	MSc	Master of Science	-1
EC-IE-2	International Business and Economic Development	Ec	Economics	MSc	Master of Science	-1
EC-ID-2	International Economic Development	Ec	Economics	MSc	Master of Science	-1
EC-IH-2	International Finance and Economic Development	Ec	Economics	MSc	Master of Science	-1
EC-IM-2	International Management and Accounting	Ec	Economics	MSc	Master of Science	-1
EC-RK-2	Real Estate Investment & Finance	Ec	Economics	MSc	Master of Science	-1
SC-SE-2	Soils and Environmental Pollution	Sc	Science	MSc	Master of Science	-1
SC-ES-2	Environmental Science	Sc	Science	MEnvSci	Master of Environmental Science	0
EC-BF-2	Business Economics	Ec	Economics	BSc	Bachelor of Science	-1
EC-FI-2	Finance and Investment banking	Ec	Economics	BSc	Bachelor of Science	-1
EC-AE-2	Accounting and Economics	Ec	Economics	BSc	Bachelor of Science	-1
EN-EM-2	English Language	En	English	BA	Bachelor of Arts	0
EN-EO-2	English Literature	En	English	BA	Bachelor of Arts	-1
EN-EI-2	English Literature and Italian	En	English	BA	Bachelor of Arts	-1
EN-EP-2	English Literature and Politics	En	English	BA	Bachelor of Arts	-1
FR-FE-2	French and Economics	Fr	French	BA	Bachelor of Arts	-1
GE-GE-2	German and Economics	Ge	German	BA	Bachelor of Arts	-1
GE-GI-2	German and Italian	Ge	German	BA	Bachelor of Arts	-1
GE-GT-2	German Studies	Ge	German	BA	Bachelor of Arts	0
HI-HE-2	History and Economics	Hi	History	BA	Bachelor of Arts	-1
PH-EV-2	Ethics Value & Philosophy	Ph	Philosophy	BA	Bachelor of Arts	-1

Search	Code contains E	1 mark
	AND	1 mark
	Code contains 2	1 mark
Primary sort in descending order on Level		1 mark
Secondary sort in Ascending order on Faculty		1 mark

Task 19


Validation
Correct cell highlighted 1 mark
Between 1 mark
1/1/2010 1 mark
And 31/12/2040 1 mark
Award for >31/12/2009 AND <1/1/2041
J2
01/04/2013
Course tutors - last e by: A Candidate, X
41365
Date for calc
Code Contract Start day Start Month
AMA 1 31 5
AVI 0.4 1 9
ATS 0.6 1 9
BMO 0.8 1 9
CTY 1 1 9
CNO 1 1 9
CCI 0.4 1 9
CMO 0.5 25 5
FJO 0.4 1 9
HSC 0.6 1 9
LBR 0.8 1 4
LAL 1 1 9
MOL 0.4 1 9
PHO 0.6 2 6
SCO 0.8 1 9
Data Validation
Settings
Input Message
Error Alert
Validation criteria
Allow:
Date
Ignore blank
Data:
between
Start date:
1/1/2010
End date:
31/12/2040
Apply these changes to all other cells with the same settings
Clear All
OK
Cancel


Validation
Appropriate error message including parameters
1 mark
Include full start and end dates
Data Validation
Settings
Input Message
Show error alert after invalid data is ente
When user enters invalid data, show this e
Style:
Stop
Title:
Error message:
This cell will only accept values between 1st January 2010 and 31st December 2040. Please re-enter your data within this range.
Clear All
OK
Cancel

Task 20

Full alphabetical list of Level field	1 mark
Correct calculations for each full time course	1 mark
Correct calculations for each part time course	1 mark
Correct row and column totals	1 mark
No additional data present	1 mark
Gridlines visible	1 mark
Last column and bottom row set as bold	1 mark
Numeric data centre aligned	1 mark
Header	
Appropriate title with centre aligned formatting	1 mark
Report prepared by and candidate details with formatting	1 mark
Single page, appropriate layout & all fully visible	1 mark

Comparing the number of full time and part time courses for each level of qualification. Report prepared by A Student ZZ999 1234

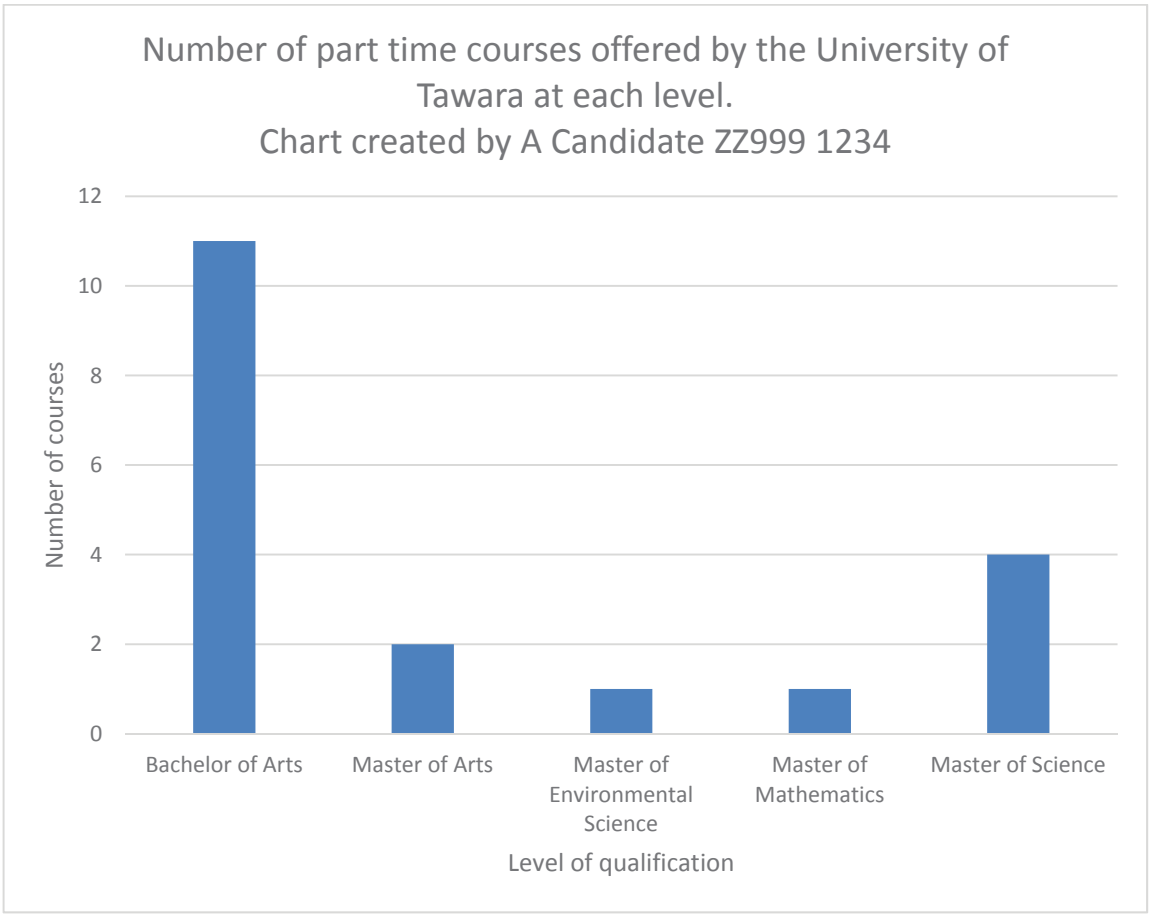
Level	Full time	Part time	Total number of courses
Bachelor of Arts	90	11	**101**
Bachelor of Engineering	1		**1**
Bachelor of Law	2		**2**
Bachelor of Science	58		**58**
Master of Arts	24	2	**26**
Master of Chemistry	4		**4**
Master of Engineering	4		**4**
Master of Environmental Science	1	1	**2**
Master of Mathematics	1	1	**2**
Master of Pharmacy	1		**1**
Master of Science	64	4	**68**
Masters in Law	6		**6**
Grand Total	**256**	**19**	**275**

Task 21

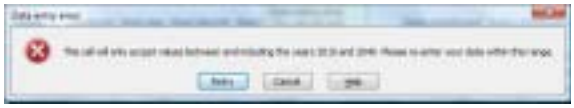
Same report exported as pdf with filename Report1_ZZ999_1234.pdf of Level field	1 mark

Task 22

Appropriate chart type selected	1 mark
Correct 5 levels extracted with correct data	1 mark
Appropriate title with candidate details and appropriate formatting	1 mark
Appropriate axis titles and labels	1 mark

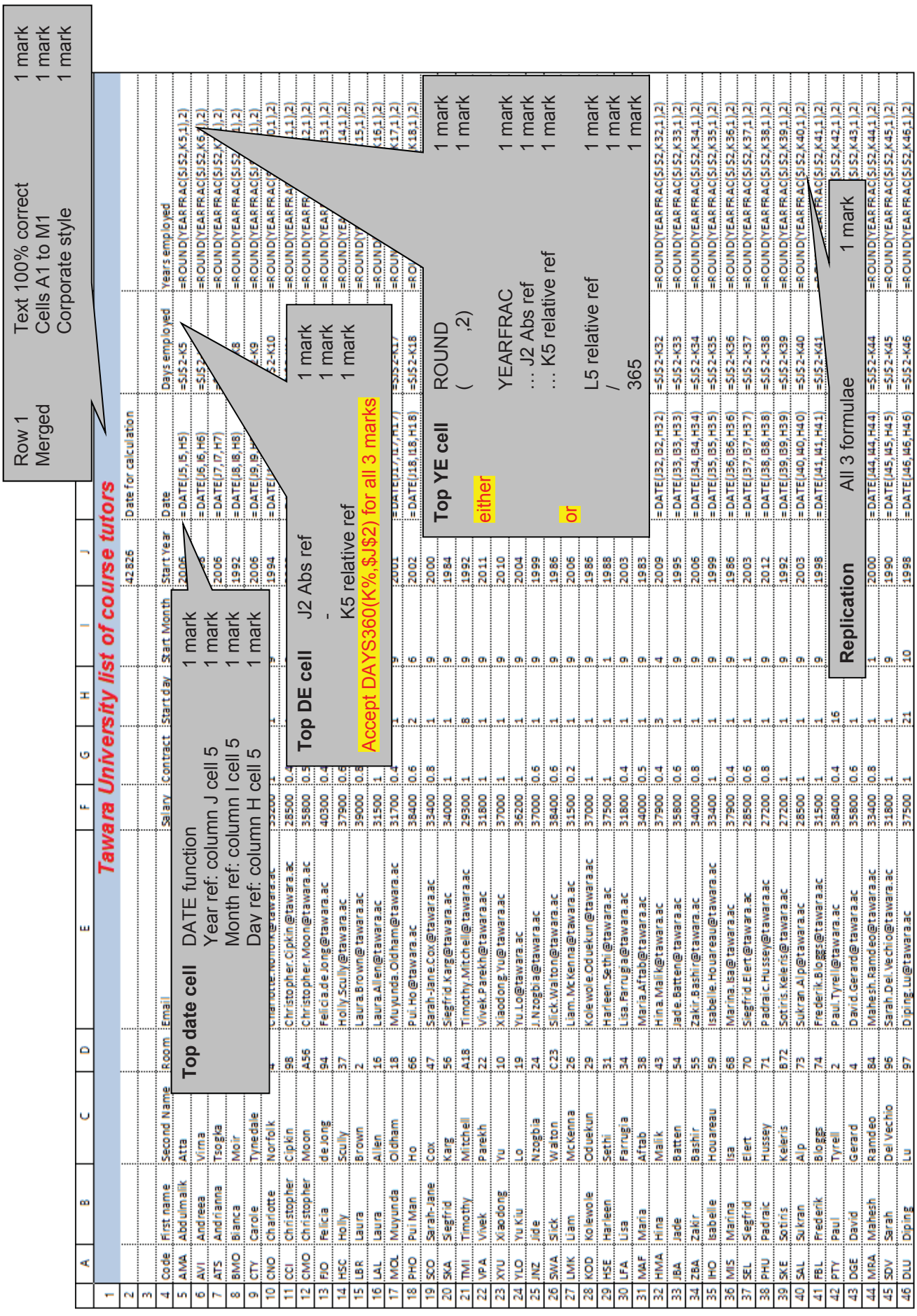


Task 23

Cell	***J2***		
Test type	***Range check***		
Data chosen	**Type of data**	**Expected outcome**	**Actual outcome**
1/1/2020	***Normal***	***Accepted***	***1/1/2020 accepted***
1/1/2030			***1/1/2030 accepted***
31/12/2009	***Abnormal***	***Error message***	
1/1/2041			
1/1/2010	***Extreme***	***Accepted***	***1/1/2010 accepted***
31/12/2040			***31/12/2040 accepted***

Range check	1 mark
Normal data	1 mark
2 Correct examples	1 mark
Abnormal data	1 mark
2 Correct abnormal examples	1 mark
Expected to be rejected	1 mark
Extreme data	1 mark
1/1/2010 & 31/12/2040	1 mark
Normal & **extreme** both expected to work	1 mark
All actual results match candidates rules	1 mark

Task 18 and 25–28



Task 24 and 29

Cell J2 Correct data entered 01/04/2017 1 mark

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	**Course tutors - last edited by: A Candidate, XX999, 1234**												
2										01/04/2017	Date for calculation		
3													
4	Code	First name	Second Name	Room	Email	Salary	Contract	Start day	Start Month	Start Year	Date	Days employed	Years employed
5	AMA	Abdulmalik	Atta	84	Abdulmalik.Atta@tawara.ac	$34,400.00	1	31	5	2006	31/05/2006	3958	10.84
6	AVI	Andreea	Virna	23	Andreea.Virna@tawara.ac	$27,200.00	0.4	1	9	1998	01/09/1998	6787	18.58
7	ATS	Andrianna	Tsogka	36	Andrianna.Tsogka@tawara.ac	$29,100.00	0.6	1	9	2006	01/09/2006	3865	10.58
8	BMO	Bianca	Moir	45	Bianca.Moir@tawara.ac	$40,600.00	0.8	1	9	1992	01/09/1992	8978	24.58
9	CTY	Carole	Tynedale	13	Carole.Tynedale@tawara.ac	$37,500.00	1	1	9	2006	01/09/2006	3865	10.58
10	CNO	Charlotte	Norfolk	4	Charlotte.Nolfolk@tawara.ac	$33,200.00	1	1	9	1994	01/09/1994	8248	22.58
11	CCI	Christopher	Cipkin	98	Christopher.Cipkin@tawara.ac	$28,500.00	0.4	1	9	2002	01/09/2002	5326	14.58
12	CMO	Christopher	Moon	A56	Christopher.Moon@tawara.ac	$35,800.00	0.5	25	5	1995	25/05/1995	7982	21.85
13	FJO	Felicia	de Jong	94	Felicia.de Jong@tawara.ac	$40,300.00	0.4	1	9	2005	01/09/2005	4230	11.58
14	HSC	Holly	Scully	37	Holly.Scully@tawara.ac	$37,900.00	0.6	1	9	2010	01/09/2010	2404	6.58
15	LBR	Laura	Brown	2	Laura.Brown@tawara.ac	$39,000.00	0.8	1	4	2004	01/04/2004	4748	13
16	LAL	Laura	Allen	16	Laura.Allen@tawara.ac	$31,500.00	1	1	9	2002	01/09/2002	5326	14.58
17	MOL	Muyunda	Oldham	18	Muyunda.Oldham@tawara.ac	$31,700.00	0.4	1	9	2001	01/09/2001	5691	15.58
18	PHO	Pui Man	Ho	66	Pui.Ho@tawara.ac	$38,400.00	0.6	2	6	2002	02/06/2002	5417	14.83
19	SCO	Sarah-Jane	Cox	47	Sarah-Jane.Cox@tawara.ac	$33,400.00	0.8	1	9	2000	01/09/2000	6056	16.58
20	SKA	Siegfrid	Karg	56	Siegfrid.Karg@tawara.ac	$34,000.00	1	1	9	1984	01/09/1984	11900	32.58
21	TMI	Timothy	Mitchell	A18	Timothy.Mitchell@tawara.ac	$29,300.00	1	8	9	1992	08/09/1992	8971	24.56
22	VPA	Vivek	Parekh	22	Vivek.Parekh@tawara.ac	$31,800.00	1	1	9	2011	01/09/2011	2039	5.58
23	XYU	Xiaodong	Yu	10	Xiaodong.Yu@tawara.ac	$37,000.00	1	1	9	2010	01/09/2010	2404	6.58
24	YLO	Yu Kiu	Lo	19	Yu.Lo@tawara.ac	$36,200.00	1	1	9	2004	01/09/2004	4595	12.58
25	JNZ	Jide	Nzogbia	24	J.Nzogbia@tawara.ac	$37,000.00	0.6	1	9	1999	01/09/1999	6422	17.58
26	SWA	Slick	Walton	C23	Slick.Walton@tawara.ac	$38,400.00	0.6	1	9	1986	01/09/1986	11170	30.58
27	LMK	Liam	McKenna	26	Liam.McKenna@tawara.ac	$31,500.00	0.2	1	9	2006	01/09/2006	3865	10.58
28	KOD	Kolewole	Oduekun	29	Kolewole.Oduekun@tawara.ac	$37,000.00	1	1	9	1986	01/09/1986	11170	30.58
29	HSE	Harleen	Sethi	31	Harleen.Sethi@tawara.ac	$37,500.00	1	1	1	1988	01/01/1988	10683	29.25
						$31,800.00	0.4	1	9	2003	01/09/2003	4961	13.58
						$34,000.00	0.5	1	9	1983	01/09/1983	12266	33.58
32	HMA	Hina	Malik	43	Hina.Malik@tawara.ac	$37,900.00	0.4	3	4	2009	03/04/2009	2920	8
33	JBA	Jade	Batten	54	Jade.Batten@tawara.ac	$35,800.00	0.6	1	9	1995	01/09/1995	7883	21.58
34	ZBA	Zakir	Bashir	55	Zakir.Bashir@tawara.ac	$34,000.00	0.8	1	9	2006	01/09/2006	3865	10.58
35	IHO	Isabelle	Houareau	59	Isabelle.Houareau@tawara.ac	$33,400.00	1	1	9	1999	01/09/1999	6422	17.58
36	MIS	Marina	Isa	68	Marina.Isa@tawara.ac	$37,900.00	0.4	1	9	1986	01/09/1986	11170	30.58
37	SEL	Siegfrid	Elert	70	Siegfrid.Elert@tawara.ac	$28,500.00	0.6	1	1	2003	01/01/2003	5204	14.25
38	PHU	Padraic	Hussey	71	Padraic.Hussey@tawara.ac	$27,200.00	0.8	1	9	2012	01/09/2012	1673	4.58
39	SKE	Sotiris	Keleris	B72	Sotiris.Keleris@tawara.ac	$27,200.00	1	1	9	1992	01/09/1992	8978	24.58
40	SAL	Sukran	Alp	73	Sukran.Alp@tawara.ac	$28,500.00	1	1	9	2003	01/09/2003	4961	13.58
41	FBL	Frederik	Bloggs	74	Frederik.Bloggs@tawara.ac	$31,500.00	1	1	9	1998	01/09/1998	6787	18.58
42	PTY	Paul	Tyrell	2	Paul.Tyrell@tawara.ac	$38,400.00	0.4	16	9	1996	16/09/1996	7502	20.54
43	DGE	David	Gerard	4	David.Gerard@tawara.ac	$35,800.00	0.6	1	9	2011	01/09/2011	2039	5.58
44	MRA	Mahesh	Ramdeo	84	Mahesh.Ramdeo@tawara.ac	$33,400.00	0.8	1	1	2000	01/01/2000	6300	17.25
45	SDV	Sarah	Del Vechio	96	Sarah.Del.Vechio@tawara.ac	$31,800.00	1	1	9	1990	01/09/1990	9709	26.58
46	DLU	Diping	Lu	97	Diping.Lu@tawara.ac	$37,500.00	1	21	10	1998	21/10/1998	6737	18.44

Formatting Salary $ & 2dp 2 marks

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