

Cambridge International Examinations

Cambridge International General Certificate of Secondary Education

INFORMATION AND COMMUNICATION TECHNOLOGY

0417/21

Paper 2 Practical Test A

May/June 2017

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 will not enter into discussions about these mark schemes.

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Name, Centre number and candidate

Header - Name, Centre no, candidate number left, page numbers right aligned 1 mark

TAWARA SUMMER SCHOOLS

TSS-title style applied, serif, 24pt, bold, all caps, centre, 11pt space after, no changes to text 1 mark Subtitle – data entry 100% accurate, with name 1 mark TSS-subtitle style applied – serif, 16pt, italic, right aligned, no space after 1 mark

2duced by: Candidate name all over the world. With an unbeatable ir programmes provide a lively, bustling are everyday occurrences.

nd encouraged to discuss, debate and develop your own understanding of the issues raised in class. You will be inspired to think and reason in a different way, and to learn and develop

hope you will enjoy.

Subheadings (8)

TSS-subhead style – matches style set

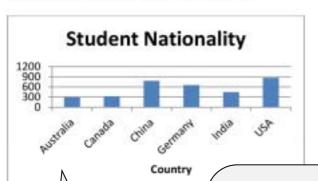
1 mark

International Community

rantee a vibrant and truly international com over 60 nationalities ody. Columns

all Section break correct position 1 mark elop 2 columns, 1 cm column spacing 1 mark hart

below shows where the largest groups international students came from in 2016:



schedule. Alternatively you can study a specific subject area in more depth with our specialist programmes. Fees for specialist programmes are as follows:

	TWO WEEKS	ONE WEEK
Ancient & Classical Worlds	£1090	£655
Creative Writing	£1485	N/A
History	£1090	£655
Literature	£1120	£705
Medieval Studies	1090	£655
Science	10	£720
Shakespeare		£690

Our teaching staff are gif

Table

graduate or Participa students adults of backgro ringing other 'life the clas ogrammes Our 20 has a tren

New row correct position, below History Correct data entry - Literature, £1120, £705 Specialist Programme Fees row merged, centred over 3 columns, light grey shading applied First row text bold and italic.

Text fits within column, no wrap in column 1, gridlines printed TSS-table style applied rows 2 to 8 – sans serif, 11pt, left,

no space after each row

1 mark

1 mark

1 mark

1 mark

1 mark

1 mark

and

You can study from

Chart

of aca

over

Vertical bar chart – correct data (2016 enrolments only) 1 mark Chart in correct place, within margins, all data fully visible 1 mark Chart title Student Nationality - 100% accurate 1 mark Category label Country, 100% accurate, no legend 1 mark Maximum y-axis value displays 1200, increments of 300 1 mark

deliver 19

plication has been processed you access our Online Hub. Here you to liaise with fellow participants, se materials and learn more about

school.

Resources

ourse all students have access to programmes and course combinations enable our library which contains books listed on the

Footer – automated file name and path right aligned 1 mark

C:\Users\ExamID1\TSSLEAFLET.DOCX

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Name, Centre number and candidate

course reading lists. Computing facilities will also be available for your use. You will be given a computer account to enable you to access email and write papers for evaluation. If you are staying in college accommodation you will also be able to connect your laptop or other devices to the network from your room.

Accommodation

You can choose to stay in one of our historic colleges and enjoy a wide range of social activities and weekend excursions. All are situated within walking distance of the teaching sites and the city centre which offers a wide variety of restaurants, cafes, shops and a daily market.

Accommodation is in very basic, single bedrooms normally occupied by undergraduates. accommodation fee pays for a single room, breakfasts and evening meals, unless otherwise stated. There are no double or twin rooms Couples are normally housed in adjacent rooms. All rooms must be vacated after breakfast on your departure date. residential attendance is also possible if you prefer to find your own lodgings.

Language requirements

All summer teaching is in Image

evidence English is of

enough standard. The test result must show that you are able to

understand and follow arguments presented in written and spoken English at university level. In addition, if you are applying for Creative Writing and have enough money to pay your tuition fees and support yourself while you are in the UK. Visa regulations are subject to change. Please check the UK Government Visa and Immigration website for the most up-to-date information.

Insurance

It is essential that you take out travel insurance before travelling to cover your journeys and your stay. Your insurance must cover you if you have to leave early as we cannot refund tuition or accommodation fees if you have to cut short your stay. Insurance should also cover any expenses incurred as a result of lost or stolen property, late arrival, early or delayed departure, or cancellation due to unforeseen circumstances.

Medical care is free if your country has a reciprocal arrangement with the UK. If it does not, you must take out medical insurance to ensure you are covered during your stay, particularly if you have known medical needs that may require attention. Medical and hospital costs are expensive and payment is often needed at the time of treatment.

Entertainment and Excursions

Evening lectures form part of your programme but we also organise a number of recreational

Correct image inserted in correct position 1 mark not English yo Image reflected so the scroll on right 1 mark required to pro Aligned top of text and to left margin, text wrapped 1 mark Resized to 4 cm wide, aspect ratio maintained 1 mark

> subjects covered in academic programmes and are a good way to meet new people, explore England and learn more about British culture. The estimated cost of excursions ranges from £15 for a local walking tour and £65 for a day trip, to £80 for a theatre day. All prices

Page layout

TSS-body style applied – sans serif, 11pt, single line, justified, 11pt space after 1 mark Document complete/paragraphs intact, margins unchanged and consistent, spacing consistent, top of columns balanced, no widows/orphans, split tables/charts, blank pages 1 mark

Visas are not needed by European Economic Area (EEA) or Swiss nationals. Everyone else must obtain a Short-Term Study Visa. We will support your student visa application. To meet the visa requirements you must be at least 18 years of age, already have an unconditional offer to study in the UK for no more than 6 months,

are a good way to discover the city.

For further information please visit our website or contact the Tawara Summer School office. They will be happy to help you.

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end sic

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the

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Art Summer Schools

Title Correct, 100% accurate 1 mark

/ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
Roll_No	Course		Weeks	First_Name	Last_Name	Birth_Date	Paid
SS0179	Art and English Litera	ture	7	Melosia	Natal	06/07/1987	Yes
SS0299	Art and Philosophy		7	Hendrik	Vrijdag	18/07/1999	Yes
SS0056	Introduction to Conte	mporary Art	1/2	Morgan	Collins	21/04/1964	Yes
SS0165	Ancient Art				Tuckor	11/10/1985	Yes
SS0071	Art and English Litera	ture	Searc	h		5/11/1967	Yes
SS0259	Art and English Litera	ture	Cours	e contains Ar	t 1 mark	0/07/1993	Yes
SS0267	Arts of Asia		Week	s >=3, Paid is	Yes 1 mark	6/10/1993	Yes
SS0193	Theatre Arts Educatio	n and Deaf Studies	(49 re	cords)		8/01/1991	Yes
SS0252	Art and English Litera		5	Vasilis	Anania	21/06/1993	Yes
SS0143	Fine Art		5	Scarlett	Norman	28/06/1981	Yes
SS0198	Fine Art		5	Zak	Barry	21/02/1992	Yes
SS0072	History of Art		5	Ella	Leonard	27/02/1968	Yes
SS0006	Theatre Arts Education	Deaf Studies	5	Gabriel	Bryan	24/04/1952	Yes
SS0125	Theatre 711 to Equ	Dear Stadies		- Dadi-	- Ci yan	09/01/1978	Yes
/	ecord added				1 mark haw	13/10/1975	Yes
	orted descending Week	s ascending orde	er <i>Cours</i>	se	1 mark	03/04/1952	Yes
	pecified fields, correct of				1 mark	22/05/1958	Yes
000001	ortrait, one page wide,		nd data	fully visible	1 mark ens	03/09/1985	Yes
330103		-		•	Jens		
SS0039	Art Photography and	its warkets	4	Scarlett	Barton	27/09/1959	Yes
SS0275	Arts of Asia		4	Oliver	Fitzgerald	27/08/1995	Yes
SS0273	Arts of Asia		4	Sebastian	Coleman	30/03/1995	Yes
SS0050	Arts of Asia		4	Max	Lawrence	10/10/1962	Yes
SS0195	Arts of Asia		4	Sophie	Arnold	15/04/1991	Yes
SS0268	Classical Art		4	Patrick	McLean	26/01/1994	Yes
SS0272	Fine Art		4	Rachel	Randall	24/03/1995	Yes
SS0260	Fine Art		4	Kratika	Gupta	24/07/1993	Yes
SS0171	Foundations of Weste	ern Art	4	Lily	Baker	12/12/1986	Yes
SS0232	History of Art		4	Jonas	Verdonk	06/04/1993	Yes
SS0162	History of Art		4	Alfie	Thomas	05/06/1985	Yes
SS0009	History of Art		4	Jennifer	Welch	23/03/1953	Yes
SS0209	History of Art		4	Anwar	Maroun	21/01/1993	Yes
SS0266	History of Art			Tebe	Nicolo	08/08/1993	Yes
SS0043	History of Art Dis	play		n	Graham	29/07/1961	Yes
SS0245		id displays as Yes	/No.		Ramirez	01/06/1993	Yes
SS0117	_	eks in integer	•		Fox	22/04/1976	Yes
SS0243		th Date as dd/mm	1/yyyy	1 mark	Taubman	26/05/1993	Yes
SS0130	Art		3	Greg	Garrido	11/04/1979	Yes
SS0296	Art and Psychology		3	Ewan	Barrett	12/07/1998	Yes
SS0077	Arts of Asia		3	Nicholas	Middleton	02/05/1969	Yes
SS0225	Decorative Art and De	esign	3	Tomas	Cordero	14/03/1993	Yes
SS0184	Decorative Art and De	~	3	Pedro	Garrido	01/03/1988	Yes
SS0217	Foundations of Weste	•	3	Sandra	Cooper	11/02/1993	Yes
SS0069	History of Art		3	Harriet	Singh	30/06/1967	Yes
SS0154	History of Art		3	Masaaki	Nakao	06/07/1983	Yes
SS0173	Introduction to Conte	mporary Art	3	Agathe	Thalberg	24/01/1987	Yes
SS0105	Introduction to Conte	mporary Art		Coott	Millor	01/12/1974	Yes
SS0033	Introduction to Cal	culated count unde	er Cour	se column	1 mark	21/02/1959	Yes
SS0276	Introduction to Clab	el to left of calcula	ation 10	00% accurate		17/12/1995	Yes
SS0276 SS0070	Theatre Arts Education			Liam	Barry	27/10/1967	Yes
330070	meane Arts Educatio	- CS	3	LIGIII	Бану	27/10/1307	162
Total enrol	ments 49				Name, Centre	no, Candidate r	number

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Outstanding Room Fees calculated field

Title

Correct, 100% accurate 1 mark

Heading 100% accurate 1 mark Calculated field - Weeks * Weekly Cost 1 mark Both Weekly Cost and Room Cost display same currency symbol, 2 dp 1 mark Name, Centre Number, Candidate Number

Header

Name. Centre number and candidate top right, no page number displayed. 1 mark

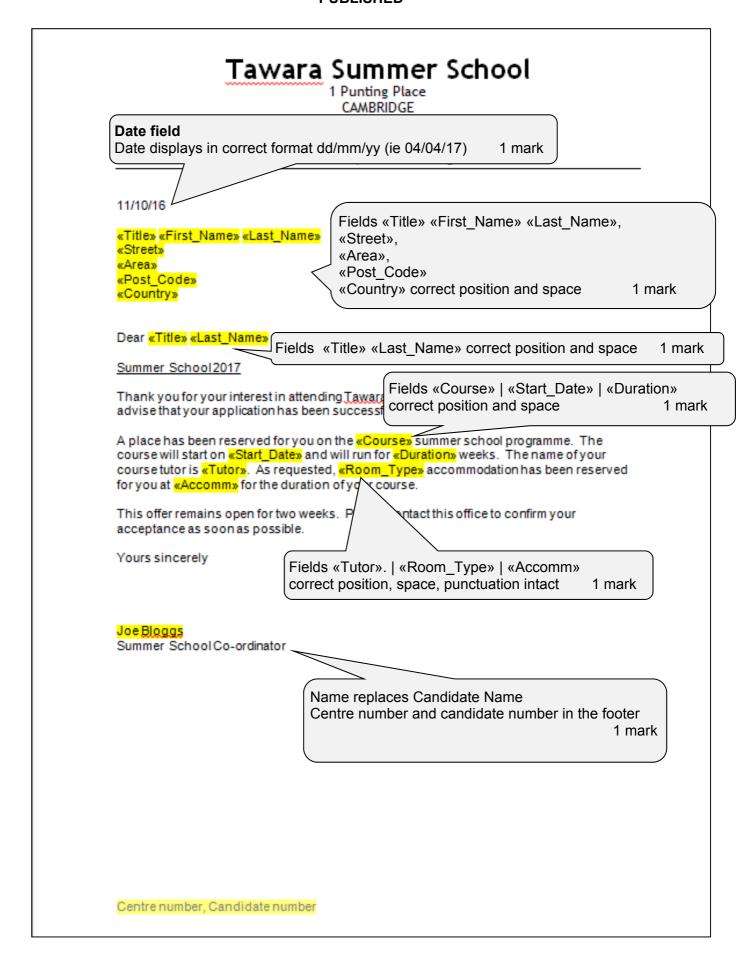
First_Name	Last_Name	Weekly_Cost	Course	Weeks	Accommo	Room_Type	Room_Cost
Mohamed	Bansal	£685.50	Art and English Literature	5	Molesworth Lodge	En surte	£3,427.50
Freddie	Benson	£600.65	Creative Writing	4	Molesworth Lodge	Standard	£2,402.60
Francesca	Brooks	£685.50	Classical Art	2	Molesworth Lodge	En suite	£1,371.00
Luigi	Brown	£600.65	History of Art	4	Molesworth Lodge	Standard	£2,402.60
Maisie	Byrne	£685.50	Medieval Archaeology	4	Molesworth Lodge	En suite	£2,742.00
Jodie	Carpenter	£600.65	Military History and Strategic Studies	2	Molesworth Lodge	Standard	£1,201.30
Lily	Harvey	£685.50	Shakespeare	1	Molesworth Lodge	En suite	£685.50
Ella	Heath	£600.65	Economic and Social History	2	Molesworth Lodge	Standard	£1,201.30
Margaret	Jakobson	£685.50	Classical Art	2	Molesworth Lodge	En suite	£1,371.00
Logan	Johnston	£600.65	Victorian Fishion	4	Malaguesth Lada	Standard	£2,402.60
Billy	Mitchell	£685.50	Foundati Sort ascending order of Las		1 mark	En suite	£1,371.00
Satoko	Miyamoto	£685.50	Medieva Specified fields, correct orde		1 mark	En suite	£685.50
Louis	Moore	£600.65	Decorative Landscape, fits a single pag			Standard	£1,201.30
Samuel	Potts	£600.65	Foundati present and data fully visible	=	1 mark	Standard	£3,603.90
Rebecca	Scott	£600.65	European Cultures and Histories	6	Molesworth Lodge	Standard	£3,603.90
Leo	Spencer	£685.50	Ancient Art	4	Molesworth Lodge	En suite	£2,742.00
Рорру	Stanley	£600.65	Art and English Literature	2	Molesworth Lodge	Standard	£1,201.30
Chin	Tao	£685.50	Arts of Asia	5	Molesworth Lodge	En suite	£3,427.50
John	Walker	£685.50	Fine Art	3	Molesworth Lodge	En suite	£2,056.50
Natasha	Walters	£600.65	Theatre Arts Education and Deaf Studies	3	Molesworth Lodge	Standard	£1,801.95
Patrick	Woodward	£685.50	Classical Art	5	Molesworth Lodge	En suite	£3,427.50
Jian	Yin	£600.65	Ancient and Classic Worlds	1	Molesworth Lodge	Standard	£600.65

17 August 2015

Search (22 records)

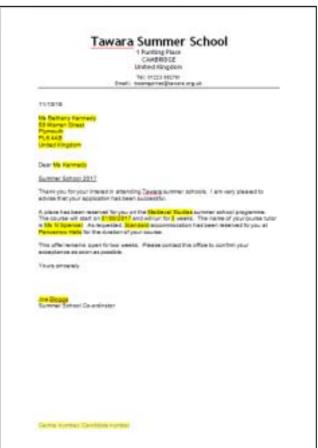
Accommodation = Molesworth Lodge, Paid = No 1 mark Room_Type = Standard or En suite 1 mark

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Result of merge – 3 letters printed Wasem, Kennedy, Lord only 1 mark

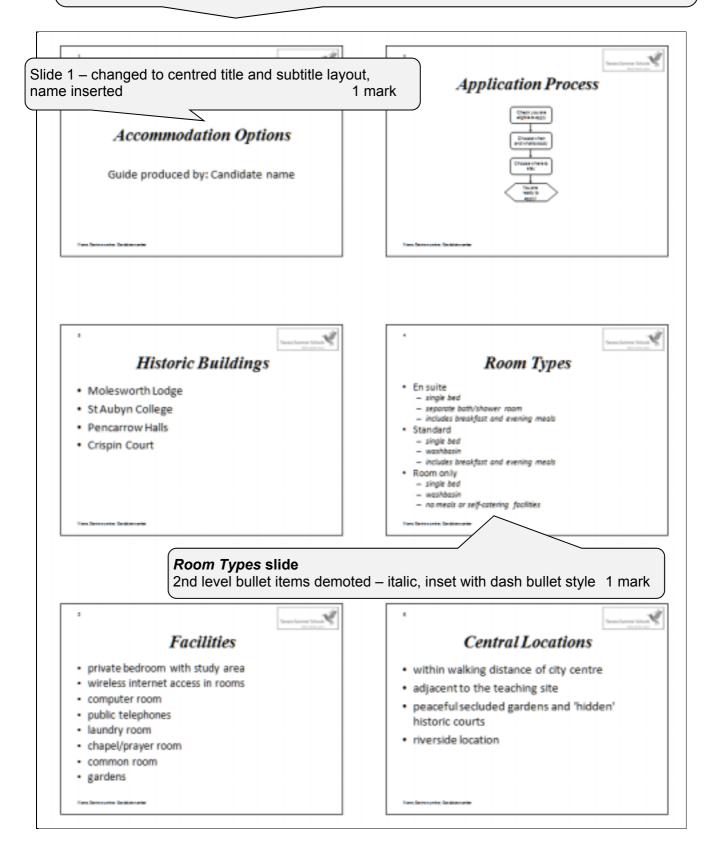


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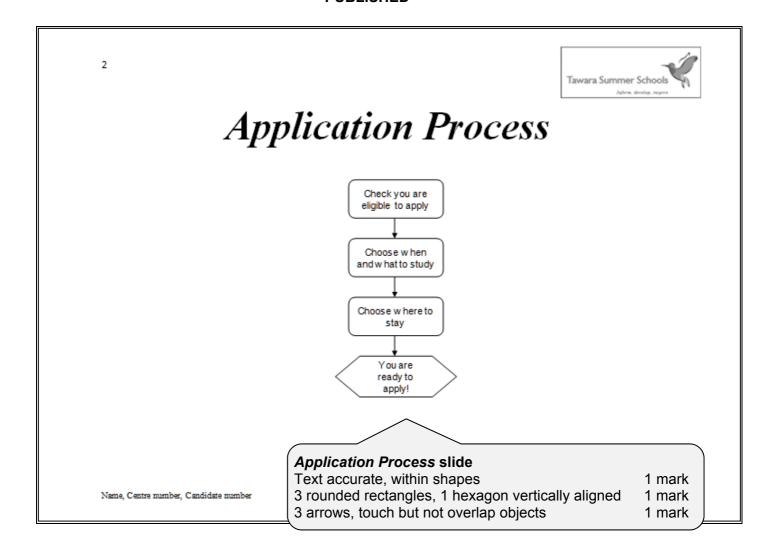
6 slides imported correctly, no changes to text, no blank slides, no overlap of items
Logo inserted top right, resized, aspect ratio maintained

1 mark
Name, Centre number and candidate number bottom left/auto slide numbers top left

1 mark



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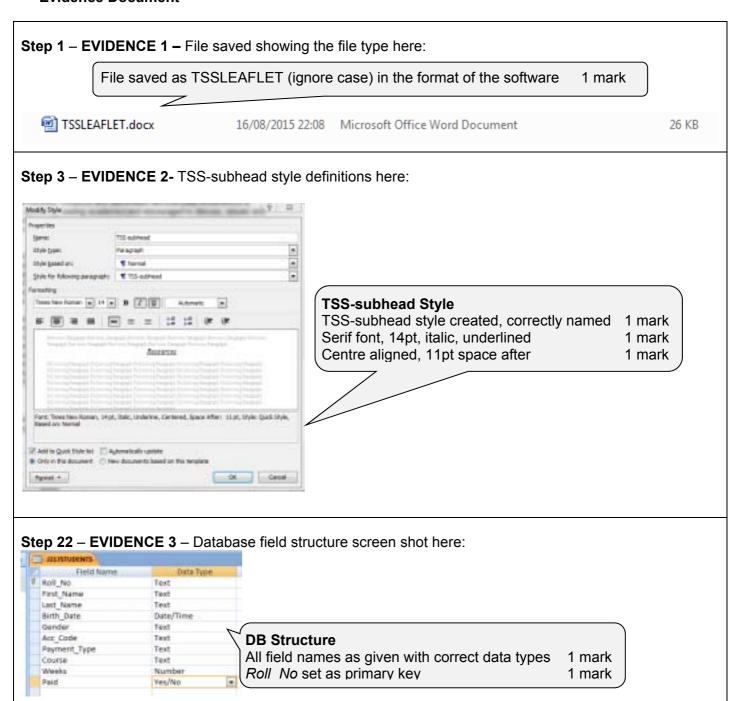
Print

Print 6 slides to page and single full page slide Application Process

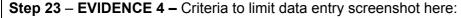
1 mark

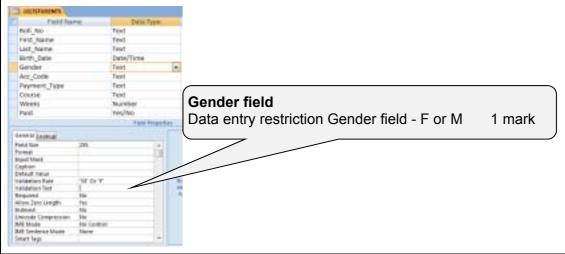
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Evidence Document

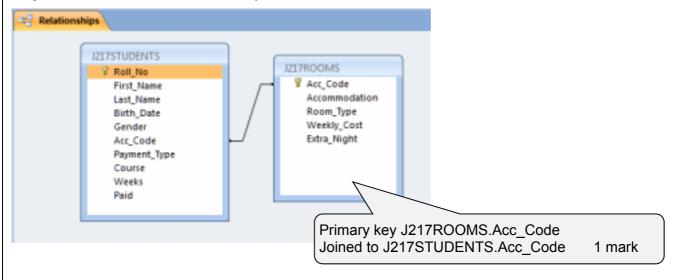


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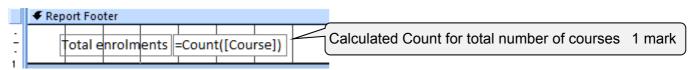




Step 25 – EVIDENCE 5 – Relationship between the two tables screen shot here



Step 26 – EVIDENCE 6 - Calculated control formula screenshot here



Step 28 – EVIDENCE 7 – Give two reasons:

File size smaller/saves memory/storage space

Data entry faster

Reduces data entry errors

To make data less understandable/unreadable if data is intercepted

More efficient normalisation

[2 marks]

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Step 29 – EVIDENCE 8 – Data type and reason for choice:

Alphanumeric/Text (1 mark)

May contain additional character(s) such as oblique/dash/space/brackets/plus symbol Retains leading zeros

Field would not be used for any calculations

[1 mark]

Step 30 – EVIDENCE 9 – Evaluation of fields here:

Gender

Two from:

Remove additional radio button

Missing label e.g. prefer not to answer

Labels in full/displays all options

Change of control type e.g. drop down list

Easy method of data entry

Payment_Type

Two from:

Dimensions of control too long for data/position of field

No drop down list/selection process

Label font size/type

More appropriate label

[4 marks]

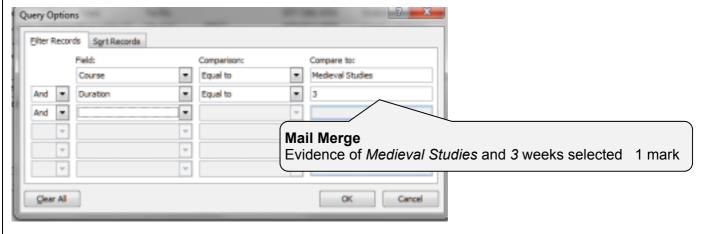
Step 31 – EVIDENCE 10 – Date field screenshot here:

{ DATE \@ "dd/MM/yy" * MERGEFORMAT }

Mail Merge

Correct today's date field, correct format dd/mm/yy 1 mark

Step 32 – EVIDENCE 11 – Mail merge selection method screen shot here



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