Mark Scheme (Results)

Summer 2008

GCE Applied ICT (6957/01)

A PEARSON COMPANY

General Marking Guidance

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.

- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.

- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.

- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.

- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.

- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.

- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.

- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.

Activity			ANSWER	POSS. MARK	MAX
			Applied GCE Unit 7 - Mark Scheme May 2008		
Activity 1			Understanding the problem – Functional specification		
	a		Processes:		
A1			Check UserID and password	1	
A2			Make a bid	1	
A3			Allocate Plots	1	
					3
	b		Inputs		
B1			Signon – UserID - Password	1	
B2			Make Bid UserID, House type, Bid value	1	
B3			Allocate Plots House type UserID	1	
					3
	c		Outputs		
			Any 2 of		
C1			Make a bid – New and old list of successful bids <u>UserID</u> & <u>bid value</u>	1	
C2			Allocate plots – Plot number Name & contact method (address, email or telephone) of successful bidders.	1	
C3			Bid unsuccessful Message	1	
					2
			Total marks Activity 1		8

Activity 2	a	Structure		
A1		Bidder Customer Table	1	
A2		Plot	1	
A3		Bid	1	
A4		House/Design Type	1	
A5		1:M Relationship Customer-Bid	1	
A6		1:M Relationship House type-plot	1	
A7		1:M Relationship House type-Bid	1	
				7
	b	Data Types		
B1		Evidence of correct data types	1	
B2		Evidence of correct primary keys	1	
B3		Viable relationships (Check for relationship Customer to plot – either none or no referential integrity)	1	
				3
	C	Validation		
C1		Any range check	1	
C2		List check (Table Lookup)	1	
C3		Presence check	1	
C4		Picture/format check	1	
				4
	d			
D1		Data Successfully Loaded (Customer - 250)	1	
D2		Data Successfully Loaded (Bid – 809/808)	1	
D3		Data Successfully Loaded (Plot 57)	1	
D4		Data Successfully Loaded (House type - 8)	1	
				4
		Total marks for Activity 2		18

Activity 3	a	Sign On Screen		
		Any 5 of		
A1		Logo	1	
A2		System Intro (Name of System or Company)	1	
A3		User ID & Password only	1	
A4		No other Details	1	
A5		No navigation or close buttons (other than confirm or cancel) or VB and Access doesn't open if wrong	1	
A6		Message if incorrect UserID or Password		
				5
	b	Bid Screen		
		Any 15 of		
B1		Evidence that this is opened from previous screen	1	
B2		Title	1	
B3		Customer Details Displayed (Name or ID at least)	1	
B4		Method of choosing House Type	1	
B5		Successful bids displayed	1	
B6		Only Successful Bids Displayed	1	
B7		Evidence that successful bids cannot be changed	1	
B8		Button (equivalent) for Make bid	1	
B9		Bid value displayed	1	
B10		Method of entering a bid		
B11		Method of checking bid above min or reserve	1	
B12		Method of storing new bid	1	
B13		Method of reproducing list (requery)	1	
B14		List sorted descending	1	
B15		Method of producing error message.	1	
B16		Method of counting number of successful bids	1	
B17		Method of checking how many plots for design code	1	
B18		Method of using reserve price if not enough suitable bids for a particular house type	1	
B19		Method of dropping lowest bid	1	
B20		Equal bids taken into account	1	
B21		Oldest bid dropped	1	
B22		Min successful bid updated	1	

B23		New successful bids marked as successful		1	
					15
	c	Petra Irons			
C1		Bid Successful		1	
C2		Evidence of bid Stored		1	
C3		Evidence that bid displayed as successful (form)		1	
C4		Bonus for explanation		1	
					4
	d	Peter Jenkins			
D1		Bid Unsuccessful		1	
D2		Error Message produced		1	
D3		Reason given (accept error message if clear)		1	
D4		Evidence of list not updated		1	
					4
	e	Roger Kelly			
E1		Bid Successful		1	
E2		Evidence of bid Stored		1	
E3		Evidence that bid displayed as successful		1	
E4		Bonus for clear explanation		1	
					4
	f	Kirk Bears			
F1		Bid not Processed		1	
F2		Invalid username or password		1	
					2
	g	Rachel Kearns			
G1		Bid Unsuccessful		1	
G2		No such UserID or Invalid House Type		1	
					2
	h	Yvonne Card			
H1		Bid Successful		1	

H2		Evidence of bid Stored	1	
H3		Evidence that bid displayed as successful	1	
H4		Bid last in List (Must be sorted)	1	
				4
	i	Alex Bears		
I1		Bid Unsuccessful	1	
I2		Bid too low	1	
I3		Explanation that it is equal to lowest bid	1	
I4		System takes oldest bid	1	
				4
		Total marks for Activity 3		44
Activity 4		Assignment form		
A1		Form Label	1	
A2		Selection of House Type (Drop Down or Similar)	1	
A3		Successful bidders listed on form	1	
A4		Form Tabular	1	
A5		Evidence of assignment	1	
A6		Evidence of automatic allocation of successful bidders	1	
A7		Correct number of plots assigned	1	
			7	
		Total marks for Activity 4		7
Activity 5		Report		
A1		report produced for a house type	1	
A2		Report produced for all house types	1	
A3		Reports on separate page	1	
A4		plots with customer and bids listed	1	
A5		Right number of plots listed	1	
A6		Total for house type included	1	
A7		Totals for all house types included	1	
A8		Totals correct	1	
A9		Footer produced	1	
A10		Footer on separate page	1	

A11		Footer has relevant correct totals	1	
			11	
		Total marks for Activity 5		11
SWW1		Administration details on each page	1	
SWW2		Required printouts only assembled correctly	1	
		Total Marks for Standard ways of working		2
		Total marks for Paper		90