UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

Cambridge International Diploma Standard Level

MARK SCHEME for the 2004 question paper

CAMBRIDGE INTERNATIONAL DIPLOMA IN ICT

5192   Data Analysis, maximum mark 100

This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which Examiners were initially instructed to award marks. They do not indicate the details of the discussions that took place at an Examiners' meeting before marking began. Any substantial changes to the mark scheme that arose from these discussions will be recorded in the published *Report on the Examination*.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the *Report on the Examination*.

•   CIE will not enter into discussion or correspondence in connection with these mark schemes.

CAMBRIDGE INTERNATIONAL DIPLOMA

Standard Level

MARK SCHEME

MAXIMUM MARK: 100

PAPER: 5192/A

ICT (Data Analysis)

Date	Company	Description	Order Value	Discount Value		Total
	Stokers			=IF(D5>125,eight*D5,five*D5)		=D5-E5
	Caprossi			=IF(D6>125,eight*D6,five*D6)		=D6-E6
	Aztec Supplies			=IF(D7>125,eight*D7,five*D7)		=D7-E7
	Kwik Mart			=IF(D8>125,eight*D8,five*D8)		=D8-E8
	Caprossi			=IF(D9>125,eight*D9,five*D9)		=D9-E9
	Russell Card			=IF(D10>125,eight*D10,five*D10)		=D10-E10
	Aztec Supplies			=IF(D11>125,eight*D11,five*D11)		=D11-E11
	Kwik Mart			=IF(D12>125,eight*D12,five*D12)		=D12-E12
	Russell Card			=IF(D13>125,eight*D13,five*D13)		=D13-E13
	Cooper Briggs			=IF(D14>125,eight*D14,five*D14)		=D14-E14
	Kwik Mart			=IF(D15>125,eight*D15,five*D15)		=D15-E15
	Stokers			=IF(D16>125,eight*D16,five*D16)		=D16-E16

Information Table		
Discount	0.05	0.08
Number of orders	=COUNTA(B5:B16)	

Date	Company	Description	Order Value	Discount Value	Total
15 June 2004	Stokers	Plastic Pockets	$912.50	$73.00	$839.50
15 June 2004	Caprossi	Assorted Pens	$125.00	$6.25	$118.75
28 June 2004	Aztec Supplies	A4 Ring Binders	$375.00	$30.00	$345.00
01 July 2004	Kwik Mart	Notebooks	$150.00	$12.00	$138.00
01 July 2004	Caprossi	Rubbers	$30.00	$1.50	$28.50
01 July 2004	Russell Card	Cases	$213.75	$17.10	$196.65
12 July 2004	Aztec Supplies	Leaver Arch Files	$337.50	$27.00	$310.50
12 July 2004	Kwik Mart	Keyrings	$148.50	$11.88	$136.62
23 July 2004	Russell Card	A4 Ruled Paper	$437.50	$35.00	$402.50
08 August 2004	Cooper Briggs	Assorted Cards	$275.00	$22.00	$253.00
16 August 2004	Kwik Mart	Sticky Tape	$80.00	$4.00	$76.00
08 September 2004	Stokers	File Separators	$375.00	$30.00	$345.00

Information Table		
Discount	5%	8%
Number of orders	12	

Date	Company	Description	Order Value	Discount Value	Total
15 June 2004	Stokers	Plastic Pockets	$912.50	$73.00	$839.50
28 June 2004	Aztec Supplies	A4 Ring Binders	$375.00	$30.00	$345.00
08 September 2004	Stokers	File Separators	$375.00	$30.00	$345.00

CAMBRIDGE INTERNATIONAL DIPLOMA

Standard Level

MARK SCHEME
MAXIMUM MARK: 100
PAPER: 5192/B ICT (Data Analysis)

Information Table						
Mark-up	0.05		0.1			
Number of stock items	Treadmills					
	=COUNTIF($B$9:$B$20,"Treadmill")					
Date	Equipment		Type	Purchase price	Mark-up price	Retail price
	Treadmill				=IF(D9>500,D9*ten,D9*five)	=SUM(D9:E9)
	Treadmill				=IF(D10>500,D10*ten,D10*five)	=SUM(D10:E10)
	Exercise bike				=IF(D11>500,D11*ten,D11*five)	=SUM(D11:E11)
	Treadmill				=IF(D12>500,D12*ten,D12*five)	=SUM(D12:E12)
	Treadmill				=IF(D13>500,D13*ten,D13*five)	=SUM(D13:E13)
	Exercise bike				=IF(D14>500,D14*ten,D14*five)	=SUM(D14:E14)
	Treadmill				=IF(D15>500,D15*ten,D15*five)	=SUM(D15:E15)
	Exercise bike				=IF(D16>500,D16*ten,D16*five)	=SUM(D16:E16)
	Treadmill				=IF(D17>500,D17*ten,D17*five)	=SUM(D17:E17)
	Treadmill				=IF(D18>500,D18*ten,D18*five)	=SUM(D18:E18)
	Exercise bike				=IF(D19>500,D19*ten,D19*five)	=SUM(D19:E19)
	Exercise bike				=IF(D20>500,D20*ten,D20*five)	=SUM(D20:E20)

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Information Table			Purchase price	Mark-up price	Retail price
Mark-up	5%	10%			
Number of stock items	**Treadmills**				
	7				
Date	**Equipment**	**Type**	**Purchase price**	**Mark-up price**	**Retail price**
June 24, 2004	Treadmill	Programmable	$999.00	$99.90	$1,098.90
June 30, 2004	Treadmill	Pulse controlled	$2,250.00	$225.00	$2,475.00
July 6, 2004	Exercise bike	Fitness	$350.00	$17.50	$367.50
July 15, 2004	Treadmill	Manual	$495.00	$24.75	$519.75
July 19, 2004	Treadmill	Programmable folding	$1,870.00	$187.00	$2,057.00
July 20, 2004	Exercise bike	Recumbent	$570.00	$57.00	$627.00
July 26, 2004	Treadmill	Electronic foldaway	$2,485.00	$248.50	$2,733.50
August 2, 2004	Exercise bike	Magnetic	$749.00	$74.90	$823.90
August 2, 2004	Treadmill	Electronic foldaway	$729.00	$72.90	$801.90
August 7, 2004	Treadmill	Programmable	$3,195.00	$319.50	$3,514.50
August 17, 2004	Exercise bike	Swing folding	$599.00	$59.90	$658.90
August 22, 2004	Exercise bike	Magnetic	$279.00	$13.95	$292.95

Date	Equipment	Type	Purchase price	Mark-up price	Retail price
July 19, 2004	Treadmill	Programmable folding	$1,870.00	$187.00	$2,057.00
July 26, 2004	Treadmill	Electronic foldaway	$2,485.00	$248.50	$2,733.50
August 2, 2004	Treadmill	Electronic foldaway	$729.00	$72.90	$801.90
August 17, 2004	Exercise bike	Swing folding	$599.00	$59.90	$658.90

Searching:
Type **contains** *foldaway or folding*
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