

MARK SCHEME for the May/June 2011 question paper
for the guidance of teachers

**0417 INFORMATION AND COMMUNICATION
TECHNOLOGY**

0417/31

Paper 3 (Practical Test B), maximum raw mark 80

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 must be read in conjunction with the question papers and the report on the examination.

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Candidate name Centre number Candidate number

Header name, candidate no, centre no 1 mark

	A	B	C	D	E	F
1	Olympic record					
2	Shot Putt	Name	Country	Distance in metres	Year	City
3	Men	Ulf TIMMERMANN	GDR	22.47	1988	Seoul
4	Women	Ilona SLUPIANEK	GDR	22.41	1980	Moscow

Searching	B3 - Timmerman	1 mark
	C3 – GDR/Germany	1 mark
	D3 – 22.47	1 mark
	D3 – 2 dp	1 mark
	E3 - 1988	1 mark
	F3 – Seoul	1 mark
	B4 – Slupianek/ Schoknecht/ Briesenick	1 mark
	C4 – GDR/Germany	1 mark
	D4 – 22.41	1 mark
	D4 – 2 dp	1 mark
	E4 - 1980	1 mark
	F4 – Moscow	1 mark

Footer automated file name & path 1 mark
 Trap for malpractice

Candidate name Centre number Candidate number

Country Lookup used 1 mark
 Correct lookup reference 1 mark
 Lookup - relative reference 1 mark
 External file 1 mark
 Correct range 1 mark
 Range – absolute reference 1 mark
 Correct return column if VLOOKUP 1 mark

Best throw MAX function 1 mark
 Correct range 1 mark

Total thrown Sumif function 1 mark
 Correct range – columns E to J 1 mark
 Correct lookup for NT 1 mark
 Lookup - Speech marks and inequality 1 mark
 Correct range – columns E to J 1 mark

		K		M
4	Women			
5				
6	Country	Best	Total	Number
7		throw	thrown	of throws
8	=LOOKUP(C8,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E8:J8)	=SUMIF(E8:J8,"<>NT",E8:J8)	=COUNTIF(E8:J8,"<>NT")
9	=LOOKUP(C9,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E9:J9)	=SUMIF(E9:J9,"<>NT",E9:J9)	=COUNTIF(E9:J9,"<>NT")
10	=LOOKUP(C10,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E10:J10)	=SUMIF(E10:J10,"<>NT",E10:J10)	=COUNTIF(E10:J10,"<>NT")
11	=LOOKUP(C11,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E11:J11)	=SUMIF(E11:J11,"<>NT",E11:J11)	=COUNTIF(E11:J11,"<>NT")
12	=LOOKUP(C12,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E12:J12)	=SUMIF(E12:J12,"<>NT",E12:J12)	=COUNTIF(E12:J12,"<>NT")
13	=LOOKUP(C13,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E13:J13)	=SUMIF(E13:J13,"<>NT",E13:J13)	=COUNTIF(E13:J13,"<>NT")
14	=LOOKUP(C14,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E14:J14)	=SUMIF(E14:J14,"<>NT",E14:J14)	=COUNTIF(E14:J14,"<>NT")
15	=LOOKUP(C15,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E15:J15)	=SUMIF(E15:J15,"<>NT",E15:J15)	=COUNTIF(E15:J15,"<>NT")
16	=LOOKUP(C16,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E16:J16)	=SUMIF(E16:J16,"<>NT",E16:J16)	=COUNTIF(E16:J16,"<>NT")
17	=LOOKUP(C17,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E17:J17)	=SUMIF(E17:J17,"<>NT",E17:J17)	=COUNTIF(E17:J17,"<>NT")
18	=LOOKUP(C18,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E18:J18)	=SUMIF(E18:J18,"<>NT",E18:J18)	=COUNTIF(E18:J18,"<>NT")
19	=LOOKUP(C19,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E19:J19)	=SUMIF(E19:J19,"<>NT",E19:J19)	=COUNTIF(E19:J19,"<>NT")
20	=LOOKUP(C20,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E20:J20)	=SUMIF(E20:J20,"<>NT",E20:J20)	=COUNTIF(E20:J20,"<>NT")
21	=LOOKUP(C21,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E21:J21)	=SUMIF(E21:J21,"<>NT",E21:J21)	=COUNTIF(E21:J21,"<>NT")
22	=LOOKUP(C22,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E22:J22)	=SUMIF(E22:J22,"<>NT",E22:J22)	=COUNTIF(E22:J22,"<>NT")
23	=LOOKUP(C23,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E23:J23)	=SUMIF(E23:J23,"<>NT",E23:J23)	=COUNTIF(E23:J23,"<>NT")
24	=LOOKUP(C24,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E24:J24)	=SUMIF(E24:J24,"<>NT",E24:J24)	=COUNTIF(E24:J24,"<>NT")

Number of throws Countif function 1 mark
 Correct range – columns E to J 1 mark
 Correct condition 1 mark

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Candidate name Centre number Candidate number

25	=LOOKUP(C25,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E25:J25)	=SUMIF(E25:J25,"<>NT",E25:J25)	=COUNTIF(E25:J25,"<>NT")
26	=LOOKUP(C26,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E26:J26)	=SUMIF(E26:J26,"<>NT",E26:J26)	=COUNTIF(E26:J26,"<>NT")
27	=LOOKUP(C27,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E27:J27)	=SUMIF(E27:J27,"<>NT",E27:J27)	=COUNTIF(E27:J27,"<>NT")
28	=LOOKUP(C28,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E28:J28)	=SUMIF(E28:J28,"<>NT",E28:J28)	=COUNTIF(E28:J28,"<>NT")
29	=LOOKUP(C29,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E29:J29)	=SUMIF(E29:J29,"<>NT",E29:J29)	=COUNTIF(E29:J29,"<>NT")
30	=LOOKUP(C30,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E30:J30)	=SUMIF(E30:J30,"<>NT",E30:J30)	=COUNTIF(E30:J30,"<>NT")
31	=LOOKUP(C31,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E31:J31)	=SUMIF(E31:J31,"<>NT",E31:J31)	=COUNTIF(E31:J31,"<>NT")
32	=LOOKUP(C32,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E32:J32)	=SUMIF(E32:J32,"<>NT",E32:J32)	=COUNTIF(E32:J32,"<>NT")
33	=LOOKUP(C33,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E33:J33)	=SUMIF(E33:J33,"<>NT",E33:J33)	=COUNTIF(E33:J33,"<>NT")
34	=LOOKUP(C34,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E34:J34)	=SUMIF(E34:J34,"<>NT",E34:J34)	=COUNTIF(E34:J34,"<>NT")
35	=LOOKUP(C35,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E35:J35)	=SUMIF(E35:J35,"<>NT",E35:J35)	=COUNTIF(E35:J35,"<>NT")
36	=LOOKUP(C36,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E36:J36)	=SUMIF(E36:J36,"<>NT",E36:J36)	=COUNTIF(E36:J36,"<>NT")
37	=LOOKUP(C37,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E37:J37)	=SUMIF(E37:J37,"<>NT",E37:J37)	=COUNTIF(E37:J37,"<>NT")
38	=LOOKUP(C38,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E38:J38)	=SUMIF(E38:J38,"<>NT",E38:J38)	=COUNTIF(E38:J38,"<>NT")
39	=LOOKUP(C39,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E39:J39)	=SUMIF(E39:J39,"<>NT",E39:J39)	=COUNTIF(E39:J39,"<>NT")
40	=LOOKUP(C40,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E40:J40)	=SUMIF(E40:J40,"<>NT",E40:J40)	=COUNTIF(E40:J40,"<>NT")
41	=LOOKUP(C41,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E41:J41)	=SUMIF(E41:J41,"<>NT",E41:J41)	=COUNTIF(E41:J41,"<>NT")
42	=LOOKUP(C42,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E42:J42)	=SUMIF(E42:J42,"<>NT",E42:J42)	=COUNTIF(E42:J42,"<>NT")
43	=LOOKUP(C43,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E43:J43)	=SUMIF(E43:J43,"<>NT",E43:J43)	=COUNTIF(E43:J43,"<>NT")
44	=LOOKUP(C44,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E44:J44)	=SUMIF(E44:J44,"<>NT",E44:J44)	=COUNTIF(E44:J44,"<>NT")
45	=LOOKUP(C45,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E45:J45)	=SUMIF(E45:J45,"<>NT",E45:J45)	=COUNTIF(E45:J45,"<>NT")
46	=LOOKUP(C46,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E46:J46)	=SUMIF(E46:J46,"<>NT",E46:J46)	=COUNTIF(E46:J46,"<>NT")
47	=LOOKUP(C47,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E47:J47)	=SUMIF(E47:J47,"<>NT",E47:J47)	=COUNTIF(E47:J47,"<>NT")
48	=LOOKUP(C48,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E48:J48)	=SUMIF(E48:J48,"<>NT",E48:J48)	=COUNTIF(E48:J48,"<>NT")
49	=LOOKUP(C49,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E49:J49)	=SUMIF(E49:J49,"<>NT",E49:J49)	=COUNTIF(E49:J49,"<>NT")
50	=LOOKUP(C50,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E50:J50)	=SUMIF(E50:J50,"<>NT",E50:J50)	=COUNTIF(E50:J50,"<>NT")
51	=LOOKUP(C51,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E51:J51)	=SUMIF(E51:J51,"<>NT",E51:J51)	=COUNTIF(E51:J51,"<>NT")
52	=LOOKUP(C52,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E52:J52)	=SUMIF(E52:J52,"<>NT",E52:J52)	=COUNTIF(E52:J52,"<>NT")
53	=LOOKUP(C53,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E53:J53)	=SUMIF(E53:J53,"<>NT",E53:J53)	=COUNTIF(E53:J53,"<>NT")
54	=LOOKUP(C54,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E54:J54)	=SUMIF(E54:J54,"<>NT",E54:J54)	=COUNTIF(E54:J54,"<>NT")

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Candidate name Centre number Candidate number

55	=LOOKUP(C55,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E55:J55)	=SUMIF(E55:J55,"<>NT",E55:J55)	=COUNTIF(E55:J55,"<>NT")
56	=LOOKUP(C56,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E56:J56)	=SUMIF(E56:J56,"<>NT",E56:J56)	=COUNTIF(E56:J56,"<>NT")
57	=LOOKUP(C57,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E57:J57)	=SUMIF(E57:J57,"<>NT",E57:J57)	=COUNTIF(E57:J57,"<>NT")
58	=LOOKUP(C58,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E58:J58)	=SUMIF(E58:J58,"<>NT",E58:J58)	=COUNTIF(E58:J58,"<>NT")
59	=LOOKUP(C59,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E59:J59)	=SUMIF(E59:J59,"<>NT",E59:J59)	=COUNTIF(E59:J59,"<>NT")
60	=LOOKUP(C60,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E60:J60)	=SUMIF(E60:J60,"<>NT",E60:J60)	=COUNTIF(E60:J60,"<>NT")
61	=LOOKUP(C61,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E61:J61)	=SUMIF(E61:J61,"<>NT",E61:J61)	=COUNTIF(E61:J61,"<>NT")
62	=LOOKUP(C62,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E62:J62)	=SUMIF(E62:J62,"<>NT",E62:J62)	=COUNTIF(E62:J62,"<>NT")
63	=LOOKUP(C63,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E63:J63)	=SUMIF(E63:J63,"<>NT",E63:J63)	=COUNTIF(E63:J63,"<>NT")
64	=LOOKUP(C64,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E64:J64)	=SUMIF(E64:J64,"<>NT",E64:J64)	=COUNTIF(E64:J64,"<>NT")
65	=LOOKUP(C65,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E65:J65)	=SUMIF(E65:J65,"<>NT",E65:J65)	=COUNTIF(E65:J65,"<>NT")
66	=LOOKUP(C66,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E66:J66)	=SUMIF(E66:J66,"<>NT",E66:J66)	=COUNTIF(E66:J66,"<>NT")
67	=LOOKUP(C67,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E67:J67)	=SUMIF(E67:J67,"<>NT",E67:J67)	=COUNTIF(E67:J67,"<>NT")
68	=LOOKUP(C68,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E68:J68)	=SUMIF(E68:J68,"<>NT",E68:J68)	=COUNTIF(E68:J68,"<>NT")
69	=LOOKUP(C69,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E69:J69)	=SUMIF(E69:J69,"<>NT",E69:J69)	=COUNTIF(E69:J69,"<>NT")
70	=LOOKUP(C70,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E70:J70)	=SUMIF(E70:J70,"<>NT",E70:J70)	=COUNTIF(E70:J70,"<>NT")
71	=LOOKUP(C71,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E71:J71)	=SUMIF(E71:J71,"<>NT",E71:J71)	=COUNTIF(E71:J71,"<>NT")
72	=LOOKUP(C72,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E72:J72)	=SUMIF(E72:J72,"<>NT",E72:J72)	=COUNTIF(E72:J72,"<>NT")
73	=LOOKUP(C73,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E73:J73)	=SUMIF(E73:J73,"<>NT",E73:J73)	=COUNTIF(E73:J73,"<>NT")
74	=LOOKUP(C74,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E74:J74)	=SUMIF(E74:J74,"<>NT",E74:J74)	=COUNTIF(E74:J74,"<>NT")
75	=LOOKUP(C75,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E75:J75)	=SUMIF(E75:J75,"<>NT",E75:J75)	=COUNTIF(E75:J75,"<>NT")
76	=LOOKUP(C76,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E76:J76)	=SUMIF(E76:J76,"<>NT",E76:J76)	=COUNTIF(E76:J76,"<>NT")
77	=LOOKUP(C77,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E77:J77)	=SUMIF(E77:J77,"<>NT",E77:J77)	=COUNTIF(E77:J77,"<>NT")
78	=LOOKUP(C78,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E78:J78)	=SUMIF(E78:J78,"<>NT",E78:J78)	=COUNTIF(E78:J78,"<>NT")
79	=LOOKUP(C79,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E79:J79)	=SUMIF(E79:J79,"<>NT",E79:J79)	=COUNTIF(E79:J79,"<>NT")
80	=LOOKUP(C80,J1country.csv!\$A\$2:\$A\$32,J1country.csv!\$B\$2:\$B\$32)	=MAX(E80:J80)	=SUMIF(E80:J80,"<>NT",E80:J80)	=COUNTIF(E80:J80,"<>NT")

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Candidate name Centre number Candidate number

	N	Average	L8/M8 – Accept correct AVERAGEIF Rounded to 1 mark decimal place	1 mark 1 mark
1				
2				
3				
4				
5				
6		Average		
7			Record breaking	
8		=ROUND(L8/M8,1)	=IF(D8="Male",IF(K8>\$D\$3,"Yes","No"),IF(K8>\$D\$4,"Yes","No"))	
9		=ROUND(L9/M9,1)	=IF(D9="Male",IF(K9>\$D\$3,"Yes","No"),IF(K9>\$D\$4,"Yes","No"))	
10		=ROUND(L10/M10,1)	=IF(D10="Male",IF(K10>\$D\$3,"Yes","No"),IF(K10>\$D\$4,"Yes","No"))	
11		=ROUND(L11/M11,1)	=IF(D11="Male",IF(K11>\$D\$3,"Yes","No"),IF(K11>\$D\$4,"Yes","No"))	
12		=ROUND(L12/M12,1)	=IF(D12="Male",IF(K12>\$D\$3,"Yes","No"),IF(K12>\$D\$4,"Yes","No"))	
13		=ROUND(L13/M13,1)	=IF(D13="Male",IF(K13>\$D\$3,"Yes","No"),IF(K13>\$D\$4,"Yes","No"))	
14		=ROUND(L14/M14,1)	=IF(D14="Male",IF(K14>\$D\$3,"Yes","No"),IF(K14>\$D\$4,"Yes","No"))	
15		=ROUND(L15/M15,1)	=IF(D15="Male",IF(K15>\$D\$3,"Yes","No"),IF(K15>\$D\$4,"Yes","No"))	
16		=ROUND(L16/M16,1)	=IF(D16="Male",IF(K16>\$D\$3,"Yes","No"),IF(K16>\$D\$4,"Yes","No"))	
17		=ROUND(L17/M17,1)	=IF(D17="Male",IF(K17>\$D\$3,"Yes","No"),IF(K17>\$D\$4,"Yes","No"))	
18		=ROUND(L18/M18,1)	=IF(D18="Male",IF(K18>\$D\$3,"Yes","No"),IF(K18>\$D\$4,"Yes","No"))	
19		=ROUND(L19/M19,1)	=IF(D19="Male",IF(K19>\$D\$3,"Yes","No"),IF(K19>\$D\$4,"Yes","No"))	
20		=ROUND(L20/M20,1)	=IF(D20="Male",IF(K20>\$D\$3,"Yes","No"),IF(K20>\$D\$4,"Yes","No"))	
21		=ROUND(L21/M21,1)	=IF(D21="Male",IF(K21>\$D\$3,"Yes","No"),IF(K21>\$D\$4,"Yes","No"))	
22		=ROUND(L22/M22,1)	=IF(D22="Male",IF(K22>\$D\$3,"Yes","No"),IF(K22>\$D\$4,"Yes","No"))	
23		=ROUND(L23/M23,1)	=IF(D23="Male",IF(K23>\$D\$3,"Yes","No"),IF(K23>\$D\$4,"Yes","No"))	
24		=ROUND(L24/M24,1)	=IF(D24="Male",IF(K24>\$D\$3,"Yes","No"),IF(K24>\$D\$4,"Yes","No"))	
25		=ROUND(L25/M25,1)	=IF(D25="Male",IF(K25>\$D\$3,"Yes","No"),IF(K25>\$D\$4,"Yes","No"))	
26		=ROUND(L26/M26,1)	=IF(D26="Male",IF(K26>\$D\$3,"Yes","No"),IF(K26>\$D\$4,"Yes","No"))	
27		=ROUND(L27/M27,1)	=IF(D27="Male",IF(K27>\$D\$3,"Yes","No"),IF(K27>\$D\$4,"Yes","No"))	
28		=ROUND(L28/M28,1)	=IF(D28="Male",IF(K28>\$D\$3,"Yes","No"),IF(K28>\$D\$4,"Yes","No"))	

Record breaking Nested IF – must be 2 tiers 1 mark
 Correct formulae to select Male 1 mark
 Comparison with Male record 1 mark
 Correct formulae to select Female 1 mark
 Comparison with Female record 1 mark

Replication 6 formulae 1 mark
 Labels & Formula Fully visible 1 mark
 Columns B to J Hidden 1 mark
 Row & column headings Visible 1 mark
 Orientation Landscape 1 mark
 Print area 2 pages wide 1 mark

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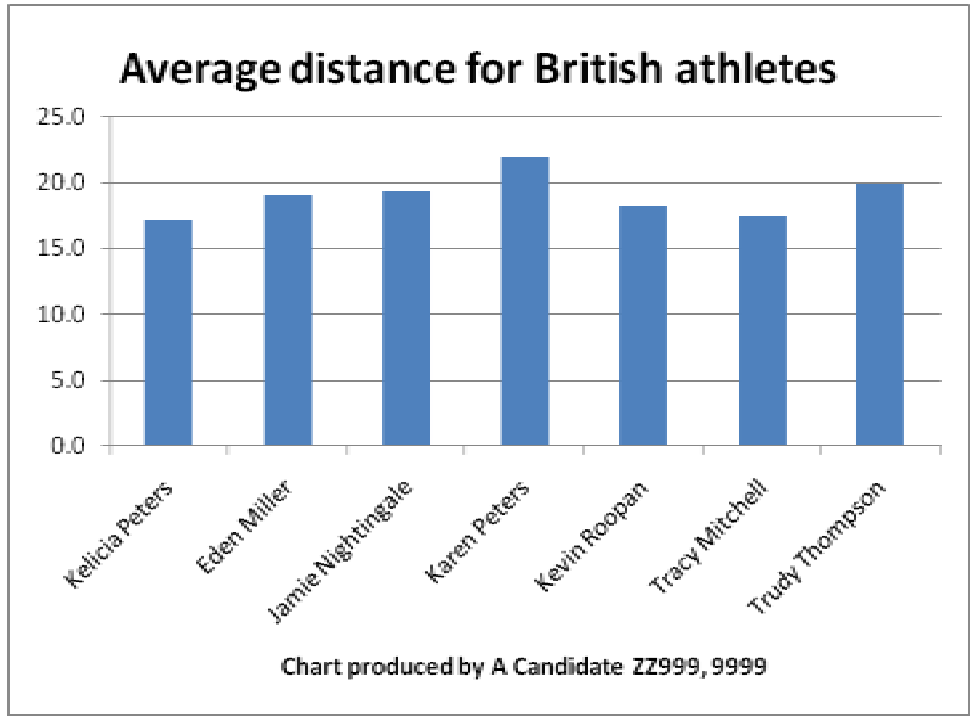
29	=ROUND(L29/M29,1)	=IF(D29="Male",IF(K29>\$D\$3,"Yes","No"),IF(K29>\$D\$4,"Yes","No"))
30	=ROUND(L30/M30,1)	=IF(D30="Male",IF(K30>\$D\$3,"Yes","No"),IF(K30>\$D\$4,"Yes","No"))
31	=ROUND(L31/M31,1)	=IF(D31="Male",IF(K31>\$D\$3,"Yes","No"),IF(K31>\$D\$4,"Yes","No"))
32	=ROUND(L32/M32,1)	=IF(D32="Male",IF(K32>\$D\$3,"Yes","No"),IF(K32>\$D\$4,"Yes","No"))
33	=ROUND(L33/M33,1)	=IF(D33="Male",IF(K33>\$D\$3,"Yes","No"),IF(K33>\$D\$4,"Yes","No"))
34	=ROUND(L34/M34,1)	=IF(D34="Male",IF(K34>\$D\$3,"Yes","No"),IF(K34>\$D\$4,"Yes","No"))
35	=ROUND(L35/M35,1)	=IF(D35="Male",IF(K35>\$D\$3,"Yes","No"),IF(K35>\$D\$4,"Yes","No"))
36	=ROUND(L36/M36,1)	=IF(D36="Male",IF(K36>\$D\$3,"Yes","No"),IF(K36>\$D\$4,"Yes","No"))
37	=ROUND(L37/M37,1)	=IF(D37="Male",IF(K37>\$D\$3,"Yes","No"),IF(K37>\$D\$4,"Yes","No"))
38	=ROUND(L38/M38,1)	=IF(D38="Male",IF(K38>\$D\$3,"Yes","No"),IF(K38>\$D\$4,"Yes","No"))
39	=ROUND(L39/M39,1)	=IF(D39="Male",IF(K39>\$D\$3,"Yes","No"),IF(K39>\$D\$4,"Yes","No"))
40	=ROUND(L40/M40,1)	=IF(D40="Male",IF(K40>\$D\$3,"Yes","No"),IF(K40>\$D\$4,"Yes","No"))
41	=ROUND(L41/M41,1)	=IF(D41="Male",IF(K41>\$D\$3,"Yes","No"),IF(K41>\$D\$4,"Yes","No"))
42	=ROUND(L42/M42,1)	=IF(D42="Male",IF(K42>\$D\$3,"Yes","No"),IF(K42>\$D\$4,"Yes","No"))
43	=ROUND(L43/M43,1)	=IF(D43="Male",IF(K43>\$D\$3,"Yes","No"),IF(K43>\$D\$4,"Yes","No"))
44	=ROUND(L44/M44,1)	=IF(D44="Male",IF(K44>\$D\$3,"Yes","No"),IF(K44>\$D\$4,"Yes","No"))
45	=ROUND(L45/M45,1)	=IF(D45="Male",IF(K45>\$D\$3,"Yes","No"),IF(K45>\$D\$4,"Yes","No"))
46	=ROUND(L46/M46,1)	=IF(D46="Male",IF(K46>\$D\$3,"Yes","No"),IF(K46>\$D\$4,"Yes","No"))
47	=ROUND(L47/M47,1)	=IF(D47="Male",IF(K47>\$D\$3,"Yes","No"),IF(K47>\$D\$4,"Yes","No"))
48	=ROUND(L48/M48,1)	=IF(D48="Male",IF(K48>\$D\$3,"Yes","No"),IF(K48>\$D\$4,"Yes","No"))
49	=ROUND(L49/M49,1)	=IF(D49="Male",IF(K49>\$D\$3,"Yes","No"),IF(K49>\$D\$4,"Yes","No"))
50	=ROUND(L50/M50,1)	=IF(D50="Male",IF(K50>\$D\$3,"Yes","No"),IF(K50>\$D\$4,"Yes","No"))
51	=ROUND(L51/M51,1)	=IF(D51="Male",IF(K51>\$D\$3,"Yes","No"),IF(K51>\$D\$4,"Yes","No"))
52	=ROUND(L52/M52,1)	=IF(D52="Male",IF(K52>\$D\$3,"Yes","No"),IF(K52>\$D\$4,"Yes","No"))
53	=ROUND(L53/M53,1)	=IF(D53="Male",IF(K53>\$D\$3,"Yes","No"),IF(K53>\$D\$4,"Yes","No"))
54	=ROUND(L54/M54,1)	=IF(D54="Male",IF(K54>\$D\$3,"Yes","No"),IF(K54>\$D\$4,"Yes","No"))
55	=ROUND(L55/M55,1)	=IF(D55="Male",IF(K55>\$D\$3,"Yes","No"),IF(K55>\$D\$4,"Yes","No"))
56	=ROUND(L56/M56,1)	=IF(D56="Male",IF(K56>\$D\$3,"Yes","No"),IF(K56>\$D\$4,"Yes","No"))
57	=ROUND(L57/M57,1)	=IF(D57="Male",IF(K57>\$D\$3,"Yes","No"),IF(K57>\$D\$4,"Yes","No"))
58	=ROUND(L58/M58,1)	=IF(D58="Male",IF(K58>\$D\$3,"Yes","No"),IF(K58>\$D\$4,"Yes","No"))

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59	=ROUND(L59/M59,1)	=IF(D59="Male",IF(K59>\$D\$3,"Yes","No"),IF(K59>\$D\$4,"Yes","No"))
60	=ROUND(L60/M60,1)	=IF(D60="Male",IF(K60>\$D\$3,"Yes","No"),IF(K60>\$D\$4,"Yes","No"))
61	=ROUND(L61/M61,1)	=IF(D61="Male",IF(K61>\$D\$3,"Yes","No"),IF(K61>\$D\$4,"Yes","No"))
62	=ROUND(L62/M62,1)	=IF(D62="Male",IF(K62>\$D\$3,"Yes","No"),IF(K62>\$D\$4,"Yes","No"))
63	=ROUND(L63/M63,1)	=IF(D63="Male",IF(K63>\$D\$3,"Yes","No"),IF(K63>\$D\$4,"Yes","No"))
64	=ROUND(L64/M64,1)	=IF(D64="Male",IF(K64>\$D\$3,"Yes","No"),IF(K64>\$D\$4,"Yes","No"))
65	=ROUND(L65/M65,1)	=IF(D65="Male",IF(K65>\$D\$3,"Yes","No"),IF(K65>\$D\$4,"Yes","No"))
66	=ROUND(L66/M66,1)	=IF(D66="Male",IF(K66>\$D\$3,"Yes","No"),IF(K66>\$D\$4,"Yes","No"))
67	=ROUND(L67/M67,1)	=IF(D67="Male",IF(K67>\$D\$3,"Yes","No"),IF(K67>\$D\$4,"Yes","No"))
68	=ROUND(L68/M68,1)	=IF(D68="Male",IF(K68>\$D\$3,"Yes","No"),IF(K68>\$D\$4,"Yes","No"))
69	=ROUND(L69/M69,1)	=IF(D69="Male",IF(K69>\$D\$3,"Yes","No"),IF(K69>\$D\$4,"Yes","No"))
70	=ROUND(L70/M70,1)	=IF(D70="Male",IF(K70>\$D\$3,"Yes","No"),IF(K70>\$D\$4,"Yes","No"))
71	=ROUND(L71/M71,1)	=IF(D71="Male",IF(K71>\$D\$3,"Yes","No"),IF(K71>\$D\$4,"Yes","No"))
72	=ROUND(L72/M72,1)	=IF(D72="Male",IF(K72>\$D\$3,"Yes","No"),IF(K72>\$D\$4,"Yes","No"))
73	=ROUND(L73/M73,1)	=IF(D73="Male",IF(K73>\$D\$3,"Yes","No"),IF(K73>\$D\$4,"Yes","No"))
74	=ROUND(L74/M74,1)	=IF(D74="Male",IF(K74>\$D\$3,"Yes","No"),IF(K74>\$D\$4,"Yes","No"))
75	=ROUND(L75/M75,1)	=IF(D75="Male",IF(K75>\$D\$3,"Yes","No"),IF(K75>\$D\$4,"Yes","No"))
76	=ROUND(L76/M76,1)	=IF(D76="Male",IF(K76>\$D\$3,"Yes","No"),IF(K76>\$D\$4,"Yes","No"))
77	=ROUND(L77/M77,1)	=IF(D77="Male",IF(K77>\$D\$3,"Yes","No"),IF(K77>\$D\$4,"Yes","No"))
78	=ROUND(L78/M78,1)	=IF(D78="Male",IF(K78>\$D\$3,"Yes","No"),IF(K78>\$D\$4,"Yes","No"))
79	=ROUND(L79/M79,1)	=IF(D79="Male",IF(K79>\$D\$3,"Yes","No"),IF(K79>\$D\$4,"Yes","No"))
80	=ROUND(L80/M80,1)	=IF(D80="Male",IF(K80>\$D\$3,"Yes","No"),IF(K80>\$D\$4,"Yes","No"))

Candidate name Centre number Candidate number



Chart

- Vertical bars 1 mark
- Search – Country = "Great Britain" 2 marks
- Gives correct names 1 mark
- Correct data 1 mark
- Title 100% correct 1 mark
- Category axis labels fully visible 1 mark

Name and numbers present for any marks

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<i>Country</i>	<i>Athlete</i>	<i>Code</i>	<i>Gender</i>	<i>Throw</i> 1	<i>Throw</i> 2	<i>Throw</i> 3	<i>Throw</i> 4	<i>Throw</i> 5	<i>Throw</i> 6	<i>Best</i> throw	<i>Average</i>	<i>Record</i> breaking
China	Dong Xu	CHN	Male	22.98	16.6	23.94	18.15	19.11	22.73	23.94	20.6	Yes
Mexico	William Baoxian	MEX	Male	NT	14.87	21.47	14.27	18.6	23.89	23.89	18.6	Yes
Great Britain	Kevin Roopan	ENG	Male	NT	19	14.79	23.85	15.61	18.07	23.85	18.3	Yes
Great Britain	Eden Miller	ENG	Male	18.14	NT	20.45	23.8	18.32	14.57	23.8	19.1	Yes
New Zealand	Bennard Diaz	NZE	Male	20.41	17.19	21.47	22.29	23.79	19.22	23.79	20.7	Yes
Thailand	Pham Van Dung	THA	Male	23.75	22.08	20.74	23.19	NT	14.12	23.75	20.8	Yes
Egypt	Ashareen Mohammad	EGY	Male	15.17	20.1	22.77	23.69	14.89	18.26	23.69	19.1	Yes
France	Nkese Antoine	FRA	Male	22.45	22.28	23.08	NT	23.59	20.32	23.59	22.3	Yes
Australia	Gary Clark	AUS	Male	22.56	16.61	22.25	14.91	23.54	17.88	23.54	19.6	Yes
Ireland	Kevin Dunbar	IRE	Male	16.12	16.52	17.03	21.29	23.51	21.29	23.51	19.3	Yes
Brazil	Navi Dunbar	BRA	Male	23.47	23.36	17.61	NT	22.65	18.69	23.47	21.2	Yes
Netherlands	Kirk Semper	HOL	Male	15.03	16.17	17.18	20.18	23.45	15.21	23.45	17.9	Yes
Thailand	Leong Runwen	THA	Male	21.8	23.44	15.35	14.01	23.27	16.44	23.44	19.1	Yes
Tunisia	Sunil Ramlal	TUN	Male	15.46	23.41	21.35	22.23	15.36	14.94	23.41	18.8	Yes
Great Britain	Jamie Nightingale	ENG	Male	NT	23.37	20.6	14.34	NT	19.12	23.37	19.4	Yes
China	Tan Zhi Hui	HKG	Male	16.88	15.86	20.4	23.3	22.86	17.14	23.3	19.4	Yes
Tunisia	Mohammad Nazir	TUN	Male	22.03	23.16	21.25	14.67	14.28	21.29	23.16	19.4	Yes
Tunisia	Abdul Maharaj	TUN	Male	19.41	14.14	14.78	23.12	16.42	14.35	23.12	17.0	Yes
America	Ryon Ramsay	USA	Male	18.45	22.99	17.75	22.99	19.92	17.82	22.99	20.0	Yes
Tunisia	Tasleem Ali	TUN	Male	15.99	18.73	22.9	21.92	19.48	21.21	22.9	20.0	Yes

Columns D to O Right aligned 1 mark
Hidden Columns L & M 1 mark
Columns B to J Fully visible 1 mark
Rows 6 & 7 Bold, italic and centre aligned 1 mark
Search – Record breaking = "Yes" 1 mark
Sort primary - descending on gender 1 mark
secondary - descending on best throw 1 mark

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	Candidate name	Centre number	Candidate number									
China	Benjamin Liew	HKG	Male	15.94	16.83	15.62	17.78	22.78	20.56	22.78	18.3	Yes
Germany	Daniel Sammy	GDR	Male	22.77	14.57	19.63	19.9	NT	19.62	22.77	19.3	Yes
New Zealand	Kevin Castillo	NZE	Male	20.45	NT	15.32	NT	22.64	15.05	22.64	18.4	Yes
America	Gloria Chapman	USA	Female	NT	16.18	18.01	18.7	16.01	23.99	23.99	18.6	Yes
China	Tee Yeow Wah	CHN	Female	22.89	20.21	21.42	23.88	NT	15.52	23.88	20.8	Yes
New Zealand	Olivia Semper	NZE	Female	16.55	22.49	16.13	23.83	20.93	15.92	23.83	19.3	Yes
Great Britain	Karen Peters	ENG	Female	23.71	20.68	22.13	22.11	20.27	23	23.71	22.0	Yes
Brazil	Tizzy Roach	BRA	Female	21.37	23.7	19.78	20.77	22.42	17.76	23.7	21.0	Yes
Brazil	Jamila Daniel	BRA	Female	18.93	19.4	22.66	23.68	17.92	17.28	23.68	20.0	Yes
New Zealand	Karen Roach	NZE	Female	NT	16.21	17.44	16.71	22.35	23.67	23.67	19.3	Yes
Australia	Jeanelee Perkins	AUS	Female	15.4	NT	18.26	23.59	22.12	19.65	23.59	19.8	Yes
America	Alicia Crooks	USA	Female	20.87	23.47	15.74	23.39	19.5	17.85	23.47	20.1	Yes
China	Judy Wong	HKG	Female	20.4	22.83	14.35	23.39	18.08	18.86	23.39	19.7	Yes
India	Vashti Ramcharan	IND	Female	20.11	23.32	14.28	NT	19.95	NT	23.32	19.4	Yes
America	Gloria Simon	USA	Female	18.94	15.78	23.24	14.21	23.31	16.87	23.31	18.7	Yes
South Africa	Felicia Persad	RSA	Female	22.44	NT	21.13	21.04	23.16	15.25	23.16	20.6	Yes
Jamaica	Odinga Richards	JAM	Female	16	20.72	23.09	18.98	22.63	18.31	23.09	20.0	Yes
France	Chevonne Bute	FRA	Female	17.23	15.2	22.44	22.85	16.71	19.93	22.85	19.1	Yes
Sri Lanka	Stephanie Osta	SRI	Female	NT	16.07	20.05	22.76	21.56	14.18	22.76	18.9	Yes
Maldives	Dianne Baptiste	MAL	Female	20.49	NT	15.66	22.72	18.38	16.46	22.72	18.7	Yes
Sri Lanka	Kiva Semper	SRI	Female	21.27	22.68	20.81	NT	17.85	17.16	22.68	20.0	Yes
Sri Lanka	Sonya Munro	SRI	Female	15.97	14.35	NT	21.33	NT	22.59	22.59	18.6	Yes
Germany	Suzanne Weiss	GDR	Female	14.34	16.69	14.04	19.4	NT	22.55	22.55	17.4	Yes
Russia	Anna Popov	RUS	Female	NT	20.21	NT	22.43	22.37	NT	22.43	21.7	Yes



Window	Resized to match image, no tiling	1 mark
Top left	Last edited by, name & No's	1 mark
Bottom table	Swimming image replaced Swimming	1 mark
	Archery image replaced Archery	1 mark
	Boxing image replaced Boxing	1 mark
	Basketball image replaced Basketball	1 mark
	Basketball resized to 50 & aspect ratio	1 mark

J1Athletic2.JPG Reflected to face left 1 mark

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```
<HTML>
<HEAD>
  <TITLE>Advertising the Olympic Shot Putt event</TITLE>
  <link rel="stylesheet" type="text/css" href="J1style3.css">
</HEAD>
<BODY>
```

Stylesheet	J1Style3.css attached	1 mark
	Relative reference	1 mark

```
<TABLE width="500px" id="top">
  <TR>
    <TD colspan="4">
      <p>Last edited by A.Candidate, ZZ999, 9999</p>
    </TD>
  </TR>
  <TR align="center" valign="center">
    <TD colspan="4"> </TD>
  </TR>
  <TR><h3></h3>
</TR>
```

Middle table	Cellpadding = 3px	1 mark
	Cellspacing = 3px	1 mark

```
<TR>
  <TD>
    <h2>Venues
  </TD>
  <TD>
    <h2>Tickets
  </TD>
  <TD>
    <h2>Records
  </TD>
  <TD>
    <h2>History
  </TD>
</TR>
</TABLE>
```

Image	J1SHOT.JPG 90 pixels wide	1 mark
	Aspect ratio maintained	1 mark

```
<TABLE width="450px" id="middle" cellspacing="3px" cellpadding="3px">
  <TR>
    <TD align="center" valign="center" rowspan="4"></TD>
    <TD> <h3>This year's olympic shot putt event may prove to be a record breaking year.</h3></TD>
  </TR>
  <TR>
    <TD> <h3>Top stars from around the world.</h3></TD>
  </TR>
  <TR>
    <TD> <h3>In the new Olympic Stadium in Stratford - East London.</h3></TD>
  </TR>
  <TR>
    <TD><h3>Easy access. This venue is only a stone's throw from Stratford station for national rail, tube and the Docklands Light Railway connections.</h3></TD>
  </TR>
</TABLE>
```

```
<TABLE width="500px" id="bottom">
  <TR>
    <TD rowspan="2" width="80"><a href="J1ATH1.HTM" target="_self"></a></TD>
    <TD colspan="4">
      <h2>Other events</h2>
    </TD>
  </TR>
</TR>
```

J1Athletic2.jpg	As hyperlink	1 mark
	To J1Ath1.htm	1 mark
	In target window _self	1 mark

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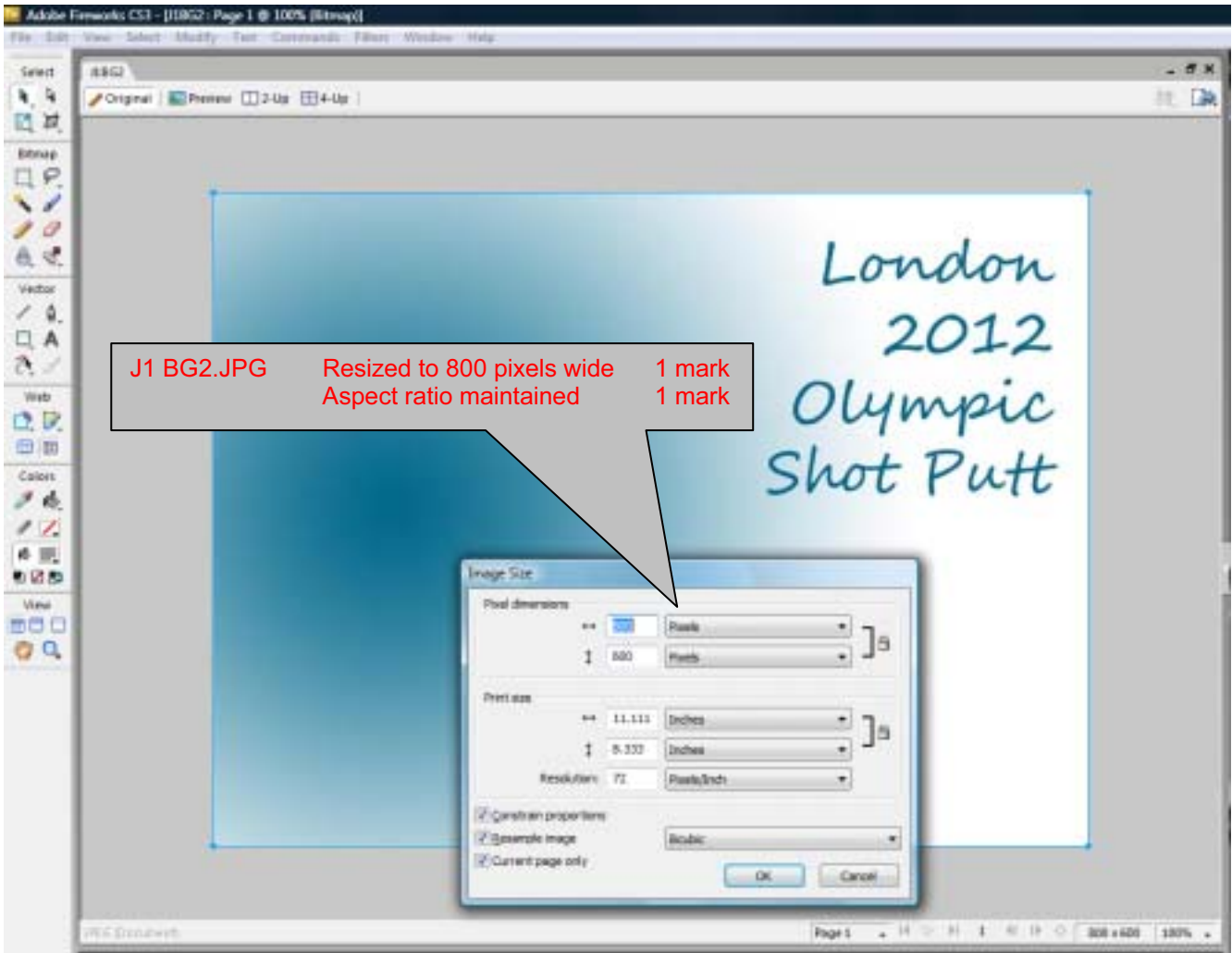
```

<TD>
  <h2></h2>
</TD>
<TD>
  <h2></h2>
</TD>
<TD>
  <h2></h2>
</TD>
<TD>
  <h2></h2>
</TD>
<TR>
  <TD colspan = "2">
    <h3>Website designed by Hothouse Design team.</h3>
  </TD>
  <TD colspan = "3">
    <h3><a href="http://www.RockICT.net" target="_webteam">Click Here</a> to open
the Hothouse Design website.</h3>
  </TD>
</TR>
</TABLE>
</BODY>
</HTML>

```

Hyperlink	Click Here as hyperlink	1 mark
	To http://www.RockICT.net	1 mark
	In target window called _webteam	1 mark

Evidence document



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Name	Date modified	Type	Size	Tags
J1ATH1	11/10/2009 19:37	HTML Document	1 KB	
J1athletic1	05/10/2009 20:54	FileType_en_US_d...	5 KB	
J1athletic2	12/10/2009 19:54	JPEG Image	15 KB	
J1Banner	11/10/2009 15:54	JPEG Image	15 KB	
J1BG1	05/10/2009 20:35	JPEG Image	201 KB	
J1BG2	11/10/2009 12:00	JPEG Image	44 KB	
J1BG3	11/10/2009 12:01	JPEG Image	34 KB	
J1BG4	11/10/2009 19:10	JPEG Image	32 KB	
J1country	04/10/2009 13:08	Microsoft Office E...	1 KB	

J1BG3.JPG Image resolution <100K 1 mark