

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

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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		Record	
7			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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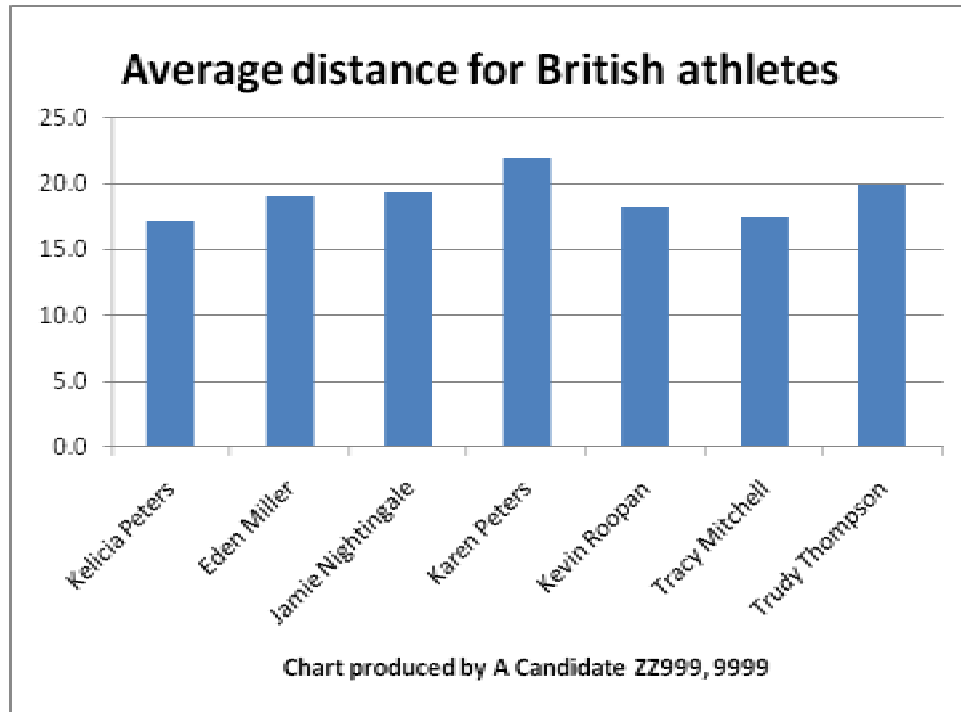
59	=ROUND(L59/M59,1)	=IF(D59="Male",IF(K59>\$D\$3,"Yes","No"),IF(K59>\$D\$4,"Yes","No"))
60	=ROUND(L60/M60,1)	=IF(D60="Male",IF(K60>\$D\$3,"Yes","No"),IF(K60>\$D\$4,"Yes","No"))
61	=ROUND(L61/M61,1)	=IF(D61="Male",IF(K61>\$D\$3,"Yes","No"),IF(K61>\$D\$4,"Yes","No"))
62	=ROUND(L62/M62,1)	=IF(D62="Male",IF(K62>\$D\$3,"Yes","No"),IF(K62>\$D\$4,"Yes","No"))
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"))

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Chart

Vertical bars

1 mark

Search – Country = "Great Britain"

Gives correct names

2 marks

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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Olympic record							Columns D to O Hidden Columns B to J Rows 6 & 7 Sort Right aligned Columns L & M Fully visible Bold, italic and centre aligned Search – Record breaking = “Yes” primary - descending on gender secondary - descending on best throw 1 mark 1 mark 1 mark 1 mark 1 mark 1 mark						
			Distance in metres	Year	City								
Shot Putt	Name	Country											
Men	Ulf TIMMERMANN	GDR	22.47	1988	Seoul								
Women	Ilona SLUPIANEK	GDR	22.41	1980	Moscow								
Country	Athlete	Code	Gender	Throw	Throw	Throw	Throw	Throw	Throw	Best	Average	Record	
				1	2	3	4	5	6	throw		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	

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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

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

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

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"><a href="J1ATH1.HTM" target="_self"></a></TD>
    <TD colspan="4">
      <h2>Other events</h2>
    </TD>
  </TR>
</TABLE>
```

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

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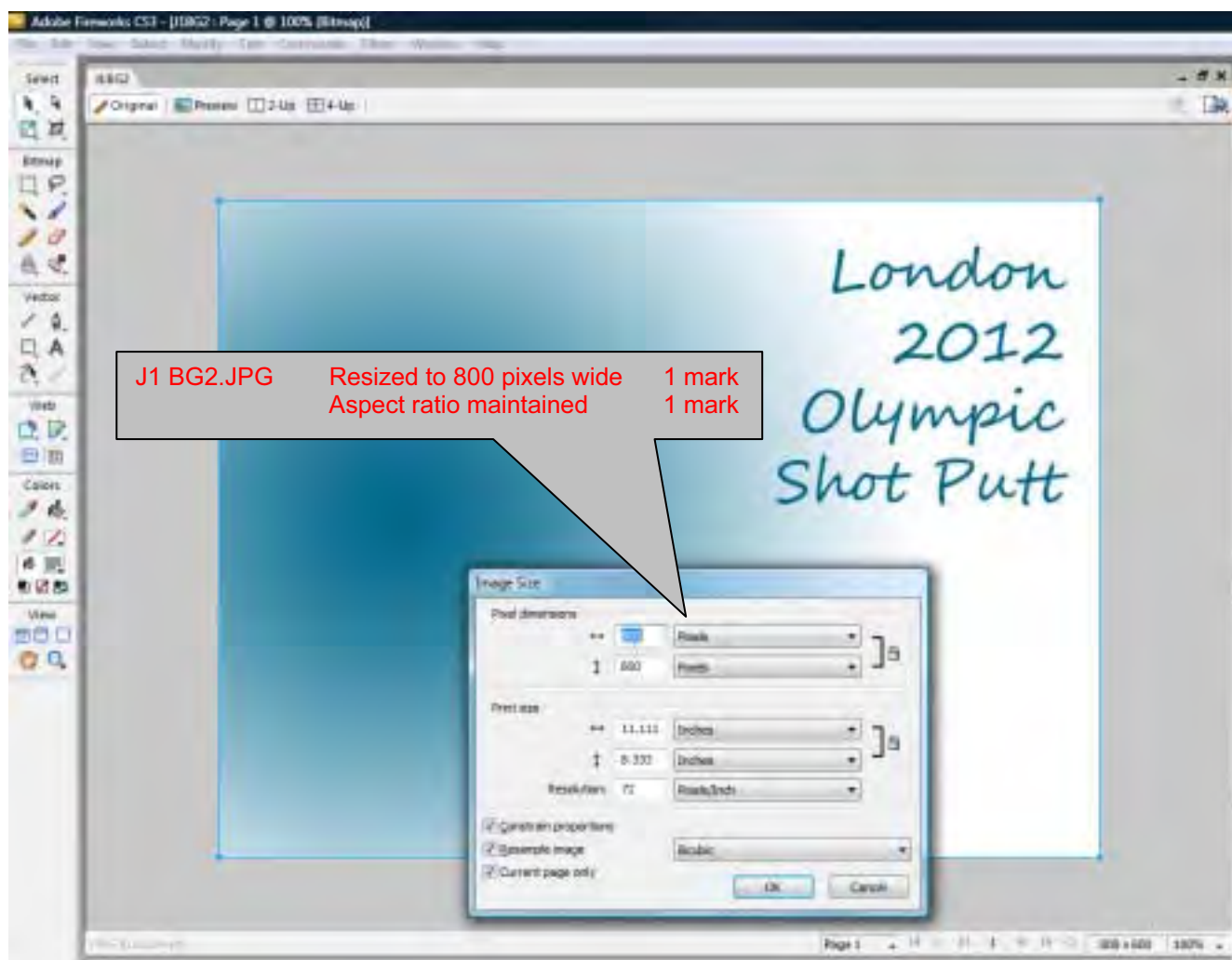
```

<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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Candidate name

Centre number

Candidate number

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