

### UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS General Certificate of Education Ordinary Level

GEOGRAPHY 2217/23

Paper 2 May/June 2011

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2 hours 15 minutes

#### READ THESE INSTRUCTIONS FIRST

This Insert contains Photograph A for Question 3, Figs 15, 16 and 17 for Question 7 and Fig. 20 and Tables 4 and 5 for Question 8.

This Insert is **not** required by the Examiner.



# **Photograph A for Question 3**



Fig. 15 for Question 7

# **Relative Humidity table**

							Dry bulb reading (°C)						Dry bulb temperature							
		6	7	8	9	10	11	12	13	14	15 1	16	17	18	19	20	21	22	23	24
(°C)	0.5	93	93	94	94	94	94	94	95	95	95	95	95	95	95	96	96	96	96	96
	1.0	86	87	87	88	88	88	89	89	90	90	90	90	91	91	91	91	92	92	92
	1.5	79	80	81	82	82	83	83	84	84	85	85	86	86	86	87	87	88	88	88
ce	2.0	73	74	75	76	76	77	78	79	79	80	81	81	82	82	83	83	83	84	84
ifference	2.5	66	67	69	70	71	72	73	73	74	75	76	77	77	78	78	79	80	80	80
‡ Ę	3.0	60	61	63	64	65	66	68	69	70	71	71	72	73	74	75	76	76	77	77
Ӓ	3.5	53	55	57	58	60	61	62	64	65	66	67	68	69	70	70	71	72	72	73
	4.0	47	49	51	53	54	56	57	59	60	61	63	64	65	65	66	67	68	69	69
	4.5	41	43	45	47	49	51	53	54	56	58	58	59	61	62	63	64	64	65	66

Difference in temperature (= dry bulb – wet bulb)

Fig. 16 for Question 7

Digital thermometer and hygrometer

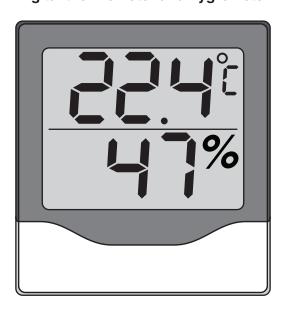


Fig. 17 for Question 7

Map of school campus showing measuring sites

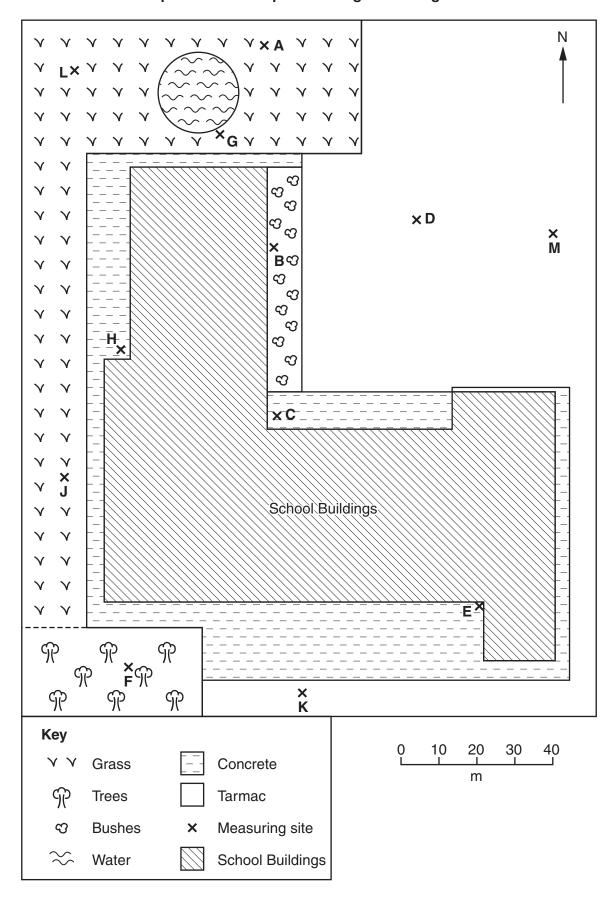


Fig. 20 for Question 8

Global Positioning System

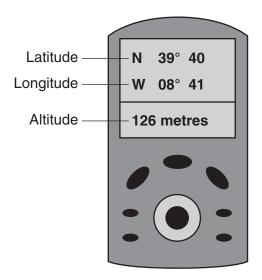


Table 4 for Question 8

Results recorded on transect up the hillside

Distance from farmhouse (m)	Height of land (m)	Angle of slope (degrees)	Land use		
100	107	5	Potatoes		
200	112	4	Potatoes		
300	116	5	Barley		
400	121	1	Barley		
500	122	4	Oranges		
600	126	7	Olives		
700	133	14	Olives		
800	147	29	Sheep		
900	176	27	Sheep		

**Table 5 for Question 8** 

# Secondary data

Land use	Average field size (hectares)	Total labour input (hours per hectare per year)				
Artichokes	3.3	13				
Barley	5.0	10				
Olives	3.9	7				
Onions	3.1	17				
Oranges	2.6	10				
Potatoes	2.2	16				
Sheep	5.8	5				
Tomatoes	2.7	19				

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