Geography
0460/05
November 2002

Question 2

(a) (i) advantage eg more results/more data/larger area surveyed; | 3 @ 1 mark | (3)
safer; sharing workload
disadvantage eg use different opinions
not just 'easier' or 'more accurate' or 'quicker'

(ii) problems eg locating the building on the map; classifying | 2 @ 1 mark | (2)
buildings; multipurpose buildings; deciding a building's use;
deciding if tourists use the building;

(b) (i) 360 ÷ 24 = angle for one building; | Full explanation | (2)
Multiply by number of buildings; | for 2 marks
| Partial for 1
Number of buildings÷Total number of buildings x 360 | mark

(ii) Correct drawing of 3 lines to form 4 segments of Banks (30°) | 3 lines correct | (3)
Hotels (120°) Cafes (90°) Market (15°) | for 3 marks
Tolerance of 2°
3=correct segments and symbols | Mark segments
2 = 2 segments with symbols or 3 correct segments + | and symbols
incorrect symbols/words
1 = correct segments no symbols

(c) (i) Any 4 comments on location of tourist facilities eg Hotels | 4 @ 1 mark | (4)
clustered in the north/north east; Cafes clustered around the
market; found in main area of town;

(ii) Two realistic suggestions eg | 2 @ 1 mark | (2)
Hotels need large areas of land so cheaper land away from
town; more available land away from town; away from noise
of town centre/peace and quiet; more attractive location/near
park

(iii) Reasons for closure e.g. lack of income/business due to | Single point | (4)
lower numbers of tourists | marking
Effects of closure e.g. seasonal employment; facilities only | Credit
available to town during season; poor visual location | development
| Max 3 on either

(d) Comment on the effect of tourism with reference to data e.g | 2 @ 1 mark | (2)
24 out of 120 buildings are used by tourists i.e. 20%etc.

(e) More extended writing requiring reference to both | 8 @ 1 mark | (8)
advantages and disadvantages on both **residents** and the
environment
Must refer to both residents and environment (Max 6)
Must refer to +/- (Max 6)
Not just 'pollution'

Total : 30 marks

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Question 1

(a) In an open area; away from trees; away from buildings; twice height of nearest building; 30cm above ground level; sunk in the ground;

res 1 mark for location

to avoid any additional water (needs exp); obstructions (needs exp.); practical considerations;

res 1 mark for reasons

not just 'obstruction' or 'interference'

(b) Correct completion of 4 bars on the graph
If not left blank then incorrect

4correct for 2 marks   (2)
3 correct for 1 mark

(c) (i) To ensure the same comparable position each day; to get a clear view of the sky;
not 'accurate' on own

1 @ 1 mark   (1)

(ii) to ensure comparability in data; equal time spaces between readings; daily cloud patterns
not 'inaccurate' on own

1 @ 1 mark   (1)

(iii) Correct symbol completed as 4 oktas
Must be vertical line crossing circle with shading on right

1 @1 mark   (1)

(d) (i) eg when the sky is obscured there is rain; highest rainfall fell when the sky was not obscured; reference must be made to data (amounts or days)

max 2 marks if no data   (4)

(ii) Ideas such as
Different cloud types produce different amounts of rain due to height/depth linked to cloud cover (max 4)
Explanation of rain formation (relief, frontal or convection) linked to cloud cover (max 4)
Credit description of named cloud types (Max 2)

6 @ 1 mark   (6)

(iii) When the cloud cover was 4/8 and above there was rain (supporting the hypothesis) but the amount of rain did not depend on the amount of cloud cover; credit ref to anomalies caused by data collection methods
No credit for repeating the hypothesis

2 @ 1 mark with ref to hypothesis   (2)

(e) (i) Correctly complete the line graph with eight points
8 correct 4 marks ; 7 correct 3 marks
6 correct 2 marks ; 5 correct 1 mark
Tolerance within central square

4 @ 1 mark   (4)
Max 3 if correct °C but no line or outside square tolerance

(ii) Statements of pattern
(i.e. increase and decrease, max and min)

4 @ 1 mark   (4)
List = Max 2

(f) Newspaper report; weather station data; internet data; TV/radio

2 @ 1 mark   (2)

Total: 30 marks