

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) $360 \div 24 =$ angle for one building; Full explanation (2)
Multiply by number of buildings; for 2 marks
Partial for 1
mark
 $\text{Number of buildings} \div \text{Total number of buildings} \times 360$
- (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
and symbols
2 = 2 segments with symbols or 3 correct segments +
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
available to town during season; poor visual location Credit
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 4 correct for 2 marks (2)
If not left blank then incorrect 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 1 @ 1 mark (1)
Must be vertical line crossing circle with shading on right
- (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 6 @ 1 mark (6)
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)
- (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 2 @ 1 mark with ref to hypothesis (2)
No credit for repeating the hypothesis
- (e) (i) Correctly complete the line graph with eight points 4 @ 1 mark (4)
8 correct 4 marks ; 7 correct 3 marks
6 correct 2 marks ; 5 correct 1 mark
Tolerance within central square
Max 3 if correct °C but no line or outside square tolerance
- (ii) Statements of pattern 4 @ 1 mark (4)
(i.e. increase and decrease, max and min)
List = Max 2
- (f) Newspaper report; weather station data; internet data; TV/radio 2 @ 1 mark (2)

Total: 30 marks