

Question 2

- |     |       |  |   |     |
|-----|-------|--|---|-----|
| (a) | (i)   | advantage eg more results/more data/larger area surveyed;<br>safer; sharing workload<br>disadvantage eg use different opinions<br>not just 'easier' or 'more accurate' or 'quicker'  | 3 @ 1 mark  | (3) |
|     | (ii)  | problems eg locating the building on the map; classifying buildings; multipurpose buildings; deciding a building's use; deciding if tourists use the building;   | 2 @ 1 mark  | (2) |
| (b) | (i)   | 360 ÷ 24 = angle for one building;<br>Multiply by number of buildings;<br><br>Number of buildings ÷ Total number of buildings x 360  | Full explanation<br>for 2 marks<br>Partial for 1<br>mark            | (2) |
|     | (ii)  | Correct drawing of 3 lines to form 4 segments of Banks (30°)<br>Hotels (120°) Cafes (90°) Market (15°)<br>Tolerance of 2°<br>3=correct segments and symbols<br>2 = 2 segments with symbols or 3 correct segments +<br>incorrect symbols/words<br>1 = correct segments no symbols | 3 lines correct<br>for 3 marks<br><br>Mark segments<br>and symbols  | (3) |
| (c) | (i)   | Any 4 comments on location of tourist facilities eg Hotels clustered in the north/north east; Cafes clustered around the market; found in main area of town;   | 4 @ 1 mark  | (4) |
|     | (ii)  | Two realistic suggestions eg<br>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   | 2 @ 1 mark  | (2) |
|     | (iii) | Reasons for closure e.g. lack of income/business due to lower numbers of tourists<br>Effects of closure e.g. seasonal employment; facilities only available to town during season; poor visual location  | Single point<br>marking<br>Credit<br>development<br>Max 3 on either | (4) |
| (d) |       | Comment on the effect of tourism with reference to data e.g 24 out of 120 buildings are used by tourists i.e. 20%etc.  | 2 @ 1 mark  | (2) |
| (e) |       | More extended writing requiring reference to both advantages and disadvantages on both <b>residents</b> and the <b>environment</b><br><b>Must refer to both residents and environment (Max 6)</b><br><b>Must refer to +/- (Max 6)</b><br>Not just 'pollution'                    | 8 @ 1 mark  | (8) |

Total : 30 marks

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 (3)
- 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