

Question 2

- | | | | | |
|-----|-------|---|---|-----|
| (a) | (i) | <p>advantage eg more results/more data/larger area surveyed;
safer; sharing workload
disadvantage eg use different opinions
not just 'easier' or 'more accurate' or 'quicker'</p> | 3 @ 1 mark | (3) |
| | (ii) | <p>problems eg locating the building on the map; classifying
buildings; multipurpose buildings; deciding a building's use;
deciding if tourists use the building;</p> | 2 @ 1 mark | (2) |
| (b) | (i) | <p>$360 \div 24 =$ angle for one building;
Multiply by number of buildings;</p> <p>Number of buildings \div Total number of buildings $\times 360$</p> | Full explanation
for 2 marks
Partial for 1
mark | (2) |
| | (ii) | <p>Correct drawing of 3 lines to form 4 segments of Banks (30°)
Hotels (120°) Cafes (90°) Market (15°)
Tolerance of 2°
3=correct segments and symbols
2 = 2 segments with symbols or 3 correct segments +
incorrect symbols/words
1 = correct segments no symbols</p> | 3 lines correct
for 3 marks | (3) |
| | | | Mark segments
and symbols | |
| (c) | (i) | <p>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;</p> | 4 @ 1 mark | (4) |
| | (ii) | <p>Two realistic suggestions eg
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</p> | 2 @ 1 mark | (2) |
| | (iii) | <p>Reasons for closure e.g. lack of income/business due to
lower numbers of tourists
Effects of closure e.g. seasonal employment; facilities only
available to town during season; poor visual location</p> | Single point
marking
Credit
development
Max 3 on either | (4) |
| (d) | | <p>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.</p> | 2 @ 1 mark | (2) |
| (e) | | <p>More extended writing requiring reference to both
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'</p> | 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;

not just 'obstruction' or 'interference' | res 1 mark for
reasons | |
| (b) | Correct completion of 4 bars on the graph
If not left blank then incorrect | 4 correct for 2 marks
3 correct for 1 mark | (2) |
| (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
Max 3 if correct °C
but no line or outside
square tolerance | (4) |
| | (ii) Statements of pattern
(i.e. increase and decrease, max and min) | 4 @ 1 mark
List = Max 2 | (4) |
| (f) | Newspaper report; weather station data; internet data;
TV/radio | 2 @ 1 mark | (2) |

Total: 30 marks