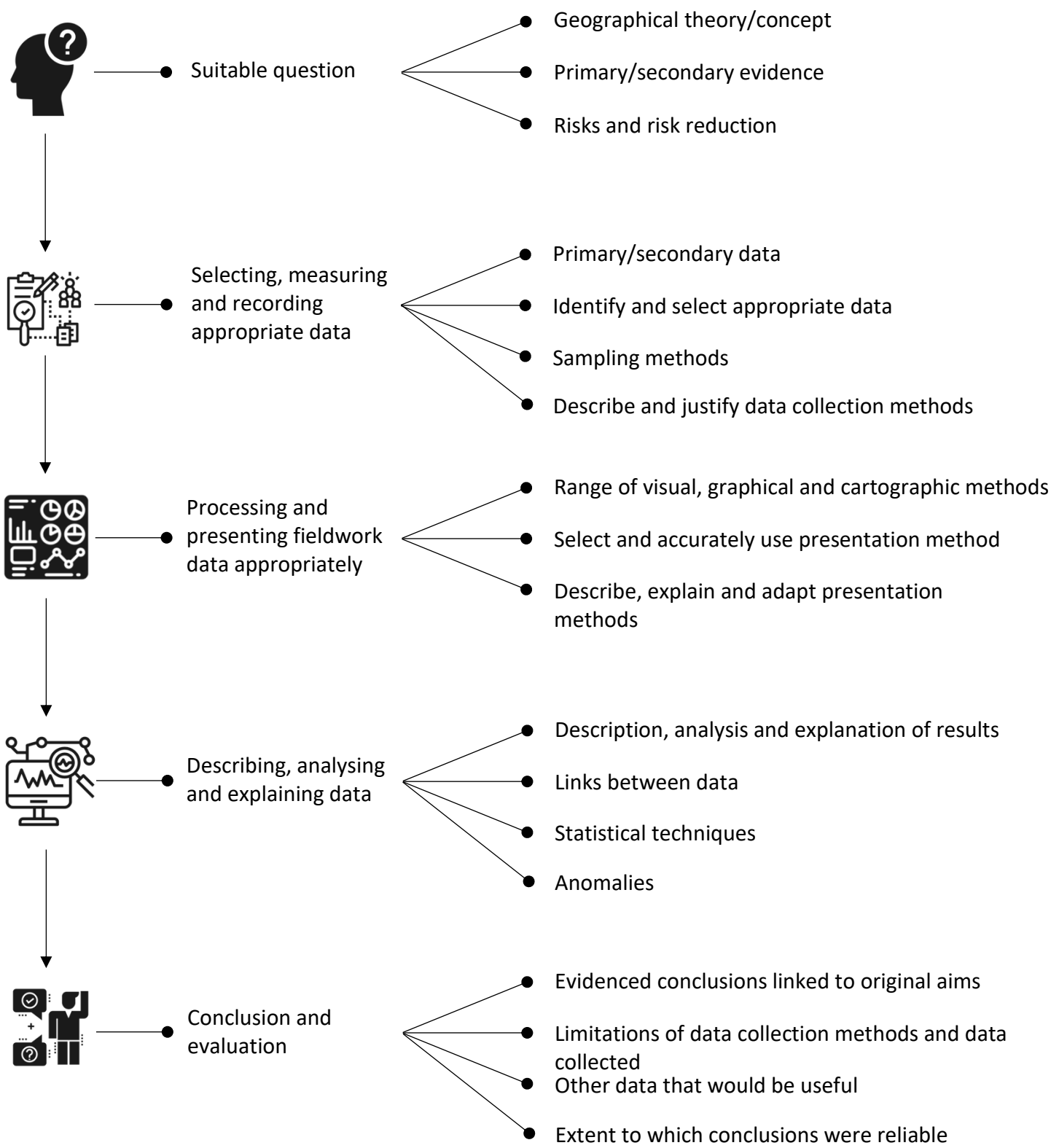
AQA GCSE Geography – Paper 3

Section B: Fieldwork – Unfamiliar

Geographical Enquiry



Suitable question

- Geographical theory/concept
- Primary/secondary evidence
- Risks and risk reduction

Example 1

1.1 Possible answers will include:

- What is the impact of coastal management on longshore drift at Hornsea?
- What is the impact of coastal management on erosion at Hornsea?
- What is the impact of coastal management on the natural environment at Hornsea?
- What impact has coastal erosion had on mass movement at Hornsea?
- What impact has mass movement had on the coast at Hornsea?
- How is erosion changing the coastline at Hornsea?
- How is coastal transportation affecting the coastline at Hornsea?
- What type of waves occur at Hornsea?
- In what direction does longshore drift move material at Hornsea?
- Are coastal management strategies at Hornsea effective?

1.2 The answer will be determined by the question chosen. Primary data collection methods might include:

- Count wave frequency at different locations along the beach
- Measure drop in height to beach level either side of groynes
- Use orange/tennis ball to measure the distance of longshore drift in x minutes
- Measure the angle of the beach at different locations
- Photographs/sketches of mass movement
- Environmental impact/quality survey
- Land use survey of area affected by mass movement/protected from coastal erosion
- Measure cliff profiles
- Measure the angle of the beach at different locations
- Count wave frequency at different locations along the beach
- Measure drop in height to beach level either side of groynes
- Use orange/tennis ball to measure the distance of longshore drift in x minutes

1.3 Possible answers will include:

- Data collected from previous years
- OS Maps
- GIS
- Historic photographs
- Newspapers/online articles

1.4 Possible answers will include:

- Tidal currents
- High tide
- Mass movement
- Poor weather conditions
- Uneven surfaces
- Drop from groyne
- Water pollution

- Cold water

1.5 As it is based on personal judgements the data collected using environmental quality surveys is *subjective.*

Example 2

1.1 Possible answers will include:

- What are the land uses within the glacial landscape at x in the Lake District?
- How does development affect conflict in this landscape?
- What conflict exists between land users in this area?
- How can conservation be achieved in this area?
- How successful is tourism managed in this area?
- Why do people visit the glacial landscape in this area?
- What are the social/environmental/economic impact(s) of tourism in this area?
- How has this environment changed since the last ice age?

1.2 The answer will be determined by the question chosen. Primary data collection methods might include:

- Environmental quality survey
- Questionnaires
- Land use survey
- Field sketches/photographs
- Interviews

1.3 Possible answers will include:

- Data collected from previous years
- OS Maps
- GIS
- Historic photographs
- Newspapers/online articles

1.4 Possible answers will include:

- Poor weather conditions
- Uneven surfaces
- Steep hill slides
- Mass movement
- Cold water

1.5 As it is based on personal judgements the data collected using environmental quality surveys is *subjective.*

Example 3

1.1 Possible answers will include:

- What has been the economic impact of regeneration in Hull City Centre?
- How have changes to the urban area in Hull City Centre increased opportunities for recreation and entertainment?
- How have changes to the urban area in Hull City Centre increased opportunities for urban living?

- How have changes to the urban area in Hull increased economic/social/environmental opportunities?

1.2 The answer will be determined by the question chosen. Primary data collection methods might include:

- Environmental quality survey
- Questionnaires
- Land use survey
- Field sketches/photographs
- Interviews

1.3 Possible answers will include:

- Data collected from previous years
- OS Maps
- GIS
- Historic photographs
- Newspapers/online articles

1.4 Possible answers will include:

- Poor weather conditions
- Uneven surfaces
- The dangers of working near a road and the need to be vigilant for vehicles

1.5 There could be a range of answers that could focus on reasons such as:

- Inaccurate measurements taken.
- Poor recording of measurements.
- Lack of reliability of counting, e.g. five minutes is not long enough, and the data may not be representative.

Example 4

1.1 Possible answers will include:

- What impact has the science park had on the locality at Cambridge?
- What are the social impacts of the Cambridge Science Park?
- What are the economic impacts of the Cambridge Science Park?
- What are the environmental impacts of the Cambridge Science Park?

1.2 The answer will be determined by the question chosen. Primary data collection methods might include:

- Environmental quality survey
- Questionnaires
- Land use survey
- Field sketches/photographs
- Interviews

1.3 Possible answers will include:

- Data collected from previous years
- OS Maps
- GIS

- Historic photographs
- Newspapers/online articles
- Economic data for the impact of the science park

1.4 Possible answers will include:

- Poor weather conditions
- Uneven surfaces
- The dangers of working near a road and the need to be vigilant for vehicles

1.5 There could be a range of answers that could focus on reasons such as:

- Inaccurate measurements taken.
- Poor recording of measurements.
- Lack of reliability in identifying business types.

Example 5

1.1 Possible answers will include:

- How effective is the park and ride and ride scheme at York?
- Does the park and ride scheme in York reduce the number of vehicles entering York?
- Does the park and ride scheme reduce pollution emissions in York?
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1.2 The answer will be determined by the question chosen. Primary data collection methods might include:

- Environmental quality survey
- Questionnaires
- Land use survey
- Field sketches/photographs
- Interviews
- Air pollution survey
- Vehicle counts
- Traffic flow count
- Mapping the features of the strategy

1.3 Possible answers will include:

- Data collected from previous years
- OS Maps
- GIS
- Historic photographs
- Newspapers/online articles
- Data regarding use of park and ride scheme
- Passenger numbers from the local bus company

1.4 Possible answers will include:

- Poor weather conditions
- Uneven surfaces
- The dangers of working near a road and the need to be vigilant for vehicles

1.5 There could be a range of answers that could focus on reasons such as:

- Inaccurate measurements taken.
- Poor recording of measurements.
- Lack of reliability of counting, e.g. five minutes is not long enough, and the data may not be representative.

