

2.1 Vulnerability and resources: supported rehearsal

Name: _____ Class: _____ Date: _____ Total: 6 marks

Objective

Supported preparation: Explain exposure, vulnerability, adaptation and resilience; Evaluate resource consumption and security using place-specific evidence. This is original rehearsal, not completion of the assessed task.

1 Key knowledge and worked examples

Exposure identifies people/assets in harm’s path; vulnerability concerns susceptibility; resilience concerns capacity to respond and recover. Resource security includes reliable access and affordability, not just reserves. Climate mitigation addresses emissions; adaptation addresses effects.

Original source / task evidence

Task: two flood-exposed districts have different housing, drainage and warning access. Evaluate why a hazard map alone cannot predict losses.

Separate what is stated from the interpretation.
Vulnerability and resources

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Similar exposure can produce different losses through vulnerability and response capacity. Compare actual housing, access and recorded impacts; do not infer vulnerability from an income label alone. A barrier may move risk downstream, so evaluate multiple places and scales.

2 Practice

2.1 For the worked case, identify the evidence and a conclusion it can support. Explain one material limit. [3]

3 Exam-style questions

3.1 Compare warnings with drainage improvements for households unable to travel to a shelter. Give a reasoned answer, evidence or method, and a relevant qualification. [3]

Solutions

2.1 Similar exposure can produce different losses through vulnerability and response capacity. Compare actual housing, access and recorded impacts; do not infer vulnerability from an income label alone. A barrier may move risk downstream, so evaluate multiple places and scales. Authored points for identifying relevant evidence, explaining a supported inference and a material limit.

3.1 Warnings supply information but need accessible response options. Drainage can reduce local impacts but takes resources and may shift water elsewhere. Evaluate transport, shelter access, maintenance, upstream/downstream effects and household evidence before a conditional recommendation. Authored points for a relevant judgement, reason tied to the case and justified qualification or method. Accept a supported alternative.