Note: This Externally set task sample is based on the following content from Unit 3 of the General Year 12 syllabus.

- the nature and causes of a natural hazard or an ecological hazard
- the spatial and temporal distribution, magnitude, duration, frequency, probability and scale of spatial impact of a natural hazard or an ecological hazard
- the nature of the risks to be managed, such as loss of property/life, effects on infrastructure, jobs, economy, and physical and mental health
- how places and environments are influenced by a natural hazard or an ecological hazard
- the complexity of human-environment interdependence in relation to a natural hazard or an ecological hazard
- geographical inquiry skills

In future years, this information will be provided late in Term 3 of the year prior to the conduct of the Externally set task. This will enable teachers to tailor their teaching and learning program to ensure that the content is delivered prior to the students undertaking the task in Term 2 of Year 12.
Geography

Externally set task

Working time for the task: 60 minutes
Total marks: 35 marks
Weighting: 15% of the school mark

1. The skills you would use when undertaking a geographical inquiry are listed in the table below. (17 marks)

(a) Number these skills in the order that you would use them by putting a 1 next to the first stage in the inquiry process through to 5 for the last stage in the process. (2 marks)

<table>
<thead>
<tr>
<th>Geographical Inquiry Skills</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analyse geographical information and data</td>
<td></td>
</tr>
<tr>
<td>Evaluate alternative responses to geographical issues</td>
<td></td>
</tr>
<tr>
<td>Identify aims, formulate questions and plan a methodology</td>
<td></td>
</tr>
<tr>
<td>Communicate geographical information using appropriate terminology</td>
<td></td>
</tr>
<tr>
<td>Collect and record geographical information from a range of sources</td>
<td></td>
</tr>
</tbody>
</table>

(b) Explain, using examples from a geographical inquiry you have undertaken on hazards, how you approached each of the five (5) stages of the geographical inquiry process. (15 marks)

Stage 1: ____________________________________________________________
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
2. Identify one (1) example of a specific natural or ecological hazard that you have studied. (18 marks)

(a) For the selected hazard:

- describe the nature of the hazard
- identify the magnitude of the hazard
- identify the duration of the hazard
- describe one (1) impact of the hazard on the natural environment
- describe one (1) impact of the hazard on the human environment (13 marks)

Hazard: ________________________________________________

_________________________________________________________________________

_________________________________________________________________________

_________________________________________________________________________

_________________________________________________________________________

_________________________________________________________________________

Nature: ________________________________________________

_________________________________________________________________________

_________________________________________________________________________

_________________________________________________________________________

_________________________________________________________________________

Magnitude: ________________________________________________

_________________________________________________________________________

_________________________________________________________________________

_________________________________________________________________________

_________________________________________________________________________
(b) Describe the frequency of this type of hazard on a global scale. (2 marks)

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(c) Describe and account for the spatial distribution of this hazard on a global scale. (3 marks)

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