

Assessment Schedule – 2014

Geography: Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment (91426)

Evidence Statement

| Question One: Spatial variations | | |
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| <p>This question is about how the operation of natural processes causes spatial variations in natural features and / or elements of the New Zealand geographic environment.</p> <p>Maps / diagrams / cross sections may contain information about how the operation of natural processes causes spatial variations.</p> | | |
| Not Achieved | N0 | No response; no relevant evidence. |
| | N1 | A very limited answer. Some correct material, but the candidate does not address the question. |
| | N2 | Answer may correctly describe and / or explain natural process(es) related to features, but provides no discussion of spatial variation or how the processes interact. |
| Achievement | A3 | <p>Answer contains some aspects of spatial variation of natural features, elements, or processes, and the candidate demonstrates understanding of how different interacting natural processes have caused the spatial variations.</p> <p>Includes some supporting case study evidence.</p> <p>Spatial variation(s) are described, or may be inferred.</p> <p>Interaction between processes is described, or inferred.</p> <p>Analyses the reasons for the spatial variation(s), but may focus more on either the location of features, rather than spatial variation of the distribution; or the operation of the natural processes, rather than the reasons for variation in where they operate.</p> |
| | A4 | <p>Answer contains some aspects of spatial variation of natural features, elements, or processes, and the candidate demonstrates understanding of how different interacting natural processes have caused the spatial variations.</p> <p>Includes some supporting case study evidence.</p> <p>Spatial variation(s) are described.</p> <p>Interaction between processes is described.</p> <p>Analyses the reasons for the spatial variation(s) by explaining either how / why different processes operate in different locations, or how / why different elements or features are located in different locations due to natural processes.</p> |

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| Merit | M5 | <p>Answer demonstrates detailed understanding of how different interacting natural processes have caused the spatial variations.</p> <p>Includes detailed supporting case study evidence.</p> <p>Includes a visual that relates to the answer.</p> <p>Spatial variation(s) are described.</p> <p>Interaction between processes is explained.</p> <p>Analyses, in some detail, the reasons for the spatial variation(s) by explaining either how / why different processes operate in different locations, or how / why different elements or features are located in different locations due to the operation of natural processes.</p> |
| | M6 | <p>Answer demonstrates detailed understanding of how different interacting natural processes have caused the spatial variation(s).</p> <p>Includes detailed supporting case study evidence.</p> <p>Includes a visual that relates to the answer.</p> <p>Spatial variation(s) are described.</p> <p>Interaction between processes is explained.</p> <p>Analyses, in detail, the reasons for the spatial variation(s) by explaining either how / why different processes operate in different locations, or how / why different elements or features are located in different locations due to the operation of natural processes.</p> |
| Excellence | E7 | <p>Answer demonstrates comprehensive understanding with partial insight of how different interacting natural processes have caused the spatial variation(s).</p> <p>Integrates comprehensive supporting case study evidence throughout.</p> <p>Includes a visual that clearly shows spatial variation in elements / processes or features.</p> <p>Spatial variation(s) are described.</p> <p>Interaction between processes is explained.</p> <p>Comprehensively analyses, with some insight, the reasons for the spatial variation(s) by explaining how / why different processes operate in different locations, or how / why different elements or features are located in different locations due to the operation of natural processes.</p> |
| | E8 | <p>Answer demonstrates comprehensive understanding with insight of how different interacting natural processes have caused the spatial variation(s).</p> <p>Integrates comprehensive supporting case study evidence throughout.</p> <p>Includes a visual that clearly shows spatial variation in elements / processes or features.</p> <p>Spatial variation(s) are described.</p> <p>Interaction between processes is explained.</p> <p>Comprehensively analyses, with insight, the reasons for the spatial variation(s) by explaining how / why different processes operate in different locations, or how / why different elements or features are located in different locations due to the operation of natural processes.</p> |

| Question Two: Temporal variations | | |
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| <p>This question is about how the operation of natural processes in different time periods causes temporal variations in natural features and / or elements of the New Zealand geographic environment. The focus is on how the interaction of processes produces the temporal variations.</p> <p>Maps / diagrams / cross sections may contain information about how the operation of natural processes at different rates / scales causes temporal variations.</p> | | |
| Not Achieved | N0 | No response; no relevant evidence. |
| | N1 | A very limited answer. Some correct material, but the candidate does not address the question. |
| | N2 | Answer may correctly describe and / or explain natural process(es) related to features, but provides no discussion of temporal variation or how the processes interact. Answer focuses on formation of a feature, rather than comparing different stages at specified time periods. |
| Achievement | A3 | Answer contains some aspects of temporal variation of natural features, elements, or processes, and the candidate demonstrates understanding of how different interacting natural processes have caused the temporal variations. Includes some supporting case study evidence. Temporal variation(s) are described, or may be inferred. Interaction between processes is described, or inferred. Analyses the reasons for the temporal variation(s), but may focus more on either the formation of features, rather than temporal variation of the processes / features; or the operation of natural processes, rather than the reasons for variation in when they operate. |
| | A4 | Answer contains some aspects of temporal variation of natural features, elements, or processes, and the candidate demonstrates understanding of how different interacting natural processes have caused the temporal variations. Includes some supporting case study evidence. Temporal variation(s) are described. Interaction between processes is described. Analyses the reasons for the temporal variations, and focuses on how the operation and / or interaction of natural processes in different time periods produces temporal variations in natural features / elements. |

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| Merit | M5 | <p>Answer demonstrates detailed understanding of how different interacting natural processes have caused the temporal variations.</p> <p>Includes detailed supporting case study evidence.</p> <p>Includes a visual that relates to the answer.</p> <p>Temporal variations are described.</p> <p>Interaction between processes is explained.</p> <p>Analyses, in some detail, the reasons for the temporal variations, and focuses on how the operation and / or interaction of natural processes at different time periods produces temporal variations in natural features / elements.</p> |
| | M6 | <p>Answer demonstrates detailed understanding of how different interacting natural processes have caused the temporal variations.</p> <p>Includes detailed supporting case study evidence.</p> <p>Includes a visual that relates to the answer.</p> <p>Temporal variations are described.</p> <p>Interaction between processes is explained.</p> <p>Analyses, in detail, the reasons for the temporal variations, and focuses on how the operation and / or interaction of natural processes at different time periods produces temporal variations in natural features / elements.</p> |
| Excellence | E7 | <p>Answer demonstrates comprehensive understanding with some insight of temporal variations, and how different interacting natural processes have caused the variations of the processes, elements, or features.</p> <p>Integrates comprehensive supporting case study throughout.</p> <p>Includes a visual that clearly shows temporal variation in elements / processes or features.</p> <p>Temporal variations are described.</p> <p>Interaction between processes is explained.</p> <p>Comprehensively analyses, with some insight, the reasons for the temporal variations, and focuses on how the operation and / or interaction of natural processes at different time periods produces temporal variations in natural features / elements.</p> |
| | E8 | <p>Answer demonstrates comprehensive understanding with insight of temporal variations, and how different interacting natural processes have caused the variations of the processes, elements, or features.</p> <p>Integrates comprehensive supporting case study evidence throughout.</p> <p>Includes a visual that clearly shows temporal variation in elements / processes or features.</p> <p>Temporal variations are described.</p> <p>Interaction between processes is explained.</p> <p>Comprehensively analyses, with insight, the reasons for the temporal variations, and focuses on how the operation and / or interaction of natural processes at different time periods produces temporal variations in natural features / elements.</p> |

Cut Scores

| | Not Achieved | Achievement | Achievement with Merit | Achievement with Excellence |
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| Score range | 0 – 2 | 3 – 4 | 5 – 6 | 7 – 8 |