Assessment Schedule – 2022

Digital Technologies and Hangarau Matihiko: Demonstrate understanding of a computer science concept (91898)

Assessment Criteria

Achievement	Achievement with Merit	Achievement with Excellence
*Demonstrating **understanding** of a computer science concept* involves: • identifying the computer science concept • providing details of how the concept is used, is implemented, or occurs • explaining how the concept has been or could be applied to address an opportunity • explaining relevant mechanisms that shape the concept.	*Demonstrating **in-depth understanding** of a computer science concept* involves: • explaining the impact of the concept.	*Demonstrating **comprehensive understanding** of a computer science concept* involves: • explaining key problems or issues related to the concept.

Cut Scores

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

Evidence

N1	N2	A3	A4	M5	M6	E7	E8
Makes relevant comments, but the response is incomplete.	Makes relevant comments in some parts of the response.	Gives TWO examples of the chosen concept in use in current digital technologies. Explains how the chosen concept is used and can be applied, including: • the benefits of artificial intelligence for an organisation OR • the issues of computer security for an organisation OR • an example of complexity and tractability. Explains TWO of the mechanisms for the chosen concept.	Gives TWO examples of the chosen concept in use in current digital technologies. Explains in detail how the chosen concept is used and can be applied, including: • the benefits of artificial intelligence for an organisation OR • the issues of computer security for an organisation OR • an example of complexity and tractability. Gives a detailed explanation for TWO of the mechanisms for the chosen concept.	Explains the impacts for the chosen concept.	Gives an in-depth explanation of the impacts for the chosen concept.	Discusses the key problems or issues related to the concept.	Provides a detailed discussion of the key problems or issues related to the concept including the relevance, purpose, need, and effectiveness.
		Some aspects of the response may be partial or weak.		Some aspects of the response may lack detail.		Some aspects of the response may be missing (for example the relevance, purpose, need, and effectiveness).	

N0 = No response; no relevant evidence.