

Assessment Schedule – 2018

Digital Technologies: Demonstrate understanding of compression coding for a chosen media type (91887)

Assessment Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<p>Demonstrating understanding of compression coding for a chosen media type involves:</p> <ul style="list-style-type: none"> identifying reasons for compressing files showing how the chosen media type can be represented using bits in an uncompressed form showing how a lossless compression method works giving examples of when lossy compression is appropriate showing some evidence of understanding in the context of the selected media type. 	<p>Demonstrate in-depth understanding of compression coding for a chosen media type involves:</p> <ul style="list-style-type: none"> exploring the relationship between lossy compression and human perception of the medium evaluating lossy and lossless compression methods showing some evidence of in-depth understanding in the context of the selected media type. 	<p>Demonstrate comprehensive understanding of compression coding for a chosen media type involves:</p> <ul style="list-style-type: none"> demonstrating a comprehensive understanding of how real-world applications are enabled by relevant representations including lossy, lossless, compressed or uncompressed showing some evidence of comprehensive understanding in the context of the selected media type.

Evidence

N1	N2	A3	A4	M5	M6	E7	E8
Demonstrates very little understanding.	Report is produced by the candidate but demonstrates little understanding and part of the response may be missing.	Describes and identifies as required to show understanding. Some descriptions may be weak or partial.	Identifies and describes as required to show clear understanding.	Explores and evaluates as required to show in-depth understanding. Some aspects of evaluation may be partial or weak.	Explores and evaluates as required to clearly show in-depth understanding.	Demonstrates comprehensive understanding. Some aspects may be partial or weak.	Clearly demonstrates comprehensive understanding.

N0 = No response; no relevant evidence.

Cut Scores

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