

Assessment Schedule – 2019

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

Assessment Criteria

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrating understanding of compression coding for a chosen media type involves: <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. 	Demonstrating in-depth understanding of compression coding for a chosen media type involves: <ul style="list-style-type: none"> exploring the relationship between lossy compression and human perception of the medium evaluating lossy and lossless compression methods. 	Demonstrating comprehensive understanding of compression coding for a chosen media type involves: <ul style="list-style-type: none"> evaluating how real-world applications are enabled by relevant representations including lossy, lossless, compressed or uncompressed.

Evidence

The suggested length is 800–1500 words.

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 of compression files and how they work. Some descriptions may be weak or partial.	Identifies and describes as required to show clear understanding of how compression types work for the chosen media.	Evaluates as required to show in-depth understanding of how the chosen compression type works. Some aspects of evaluation may be partial or weak.	Evaluates as required to clearly show in-depth understanding of how the chosen compression type works for the selected media.	Compares and contrasts as required to demonstrate comprehensive understanding of real-world applications of compression in the context of the selected media type. Some aspects may be partial or weak.	Compares and contrasts as required to clearly demonstrate comprehensive understanding of real-world applications of compression in the context of the selected media type.

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