

Grade Thresholds

June 2009

H160-6/H560-6/MS/R/09

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Advanced GCE Art and Design (H560-H566)

Advanced Subsidiary GCE Art and Design (H160-H166)

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Grade Thresholds

Advanced Subsidiary GCE Art and Design (H160-H166)
Advanced GCE Art and Design (H560-H566)

June 2009 Examination Series

Unit Threshold Marks

Unit		Maximum Mark	A	B	C	D	E	U
F410	Raw	100	84	73	63	53	43	0
	UMS	120	96	84	72	60	48	0
F411	Raw	100	84	73	63	53	43	0
	UMS	120	96	84	72	60	48	0
F412	Raw	100	84	73	63	53	43	0
	UMS	120	96	84	72	60	48	0
F413	Raw	100	84	73	63	53	43	0
	UMS	120	96	84	72	60	48	0
F414	Raw	100	84	73	63	53	43	0
	UMS	120	96	84	72	60	48	0
F415	Raw	100	84	73	63	53	43	0
	UMS	120	96	84	72	60	48	0
F416	Raw	100	84	73	63	53	43	0
	UMS	120	96	84	72	60	48	0
F421	Raw	100	84	73	63	53	43	0
	UMS	80	64	56	48	40	32	0
F422	Raw	100	84	73	63	53	43	0
	UMS	80	64	56	48	40	32	0
F423	Raw	100	84	73	63	53	43	0
	UMS	80	64	56	48	40	32	0
F424	Raw	100	84	73	63	53	43	0
	UMS	80	64	56	48	40	32	0
F425	Raw	100	84	73	63	53	43	0
	UMS	80	64	56	48	40	32	0
F426	Raw	100	84	73	63	53	43	0
	UMS	80	64	56	48	40	32	0

Specification Aggregation Results

Overall threshold marks in UMS (ie after conversion of raw marks to uniform marks)

	Maximum Mark	A	B	C	D	E	U
H160-H166	200	160	140	120	100	80	0

The cumulative percentage of candidates awarded each grade was as follows:

	A	B	C	D	E	U	Total Number of Candidates
H160	24.9	47.9	70.0	85.2	93.3	100	566
H161	24.1	47.4	69.7	85.2	93.6	100	4194
H162	21.4	46.0	68.6	82.3	92.8	100	854
H163	22.4	48.1	74.2	89.1	96.4	100	2639
H164	26.7	50.6	71.9	86.8	94.6	100	1056
H165	21.1	43.9	63.9	75.0	93.9	100	186
H166	39.5	65.4	84.4	93.7	98.0	100	211

9706 candidates aggregated this series

For a description of how UMS marks are calculated see:
http://www.ocr.org.uk/learners/ums_results.html

Statistics are correct at the time of publication.

How to Calculate a UMS (Uniform Mark Scale) conversion

This method can be generalised to apply to any set of raw marks and any uniform mark scale.

- (i) Determine which grade the candidate obtained
- (ii) Find out how many raw marks there are in that grade
- (iii) Find out how many marks are in the equivalent uniform mark grade
- (iv) Calculate the conversion factor. This is the number of uniform marks in the grade divided by the number of raw marks in the same grade
- (v) Calculate how many raw marks the candidate had scored over the raw mark boundary
- (vi) Multiply this number (v) by the conversion factor (iv)
- (vii) Add the result to the uniform mark boundary for the grade. This will be the UMS for the candidate.

Example

Jane has achieved a raw score of 72 on unit 2900 with the exemplar raw mark thresholds as shown.

The raw mark and UMS boundaries were determined as follows:

Unit		Max mark	A	B	C	D	E	U
2900	Raw	100	86	76	66	56	46	0
	UMS	90	72	63	54	45	36	0

Step (i)	Jane's raw mark shows us she has achieved a C grade
Step (ii)	Between the C and B grade there are 10 raw marks (76 – 66)
Step (iii)	Between C and B at UMS there are 9 marks (63 – 54)
Step (iv)	Conversion factor is 9 divided by 10 = 0.9
Step (v)	Jane is 6 marks above the C boundary (72 – 66)
Step (vi)	$6 \times 0.9 = 5.4$
Step (vii)	UMS boundary for C = 54 so $54 + 5.4 = 59.4$

Therefore Jane's UMS mark is 59 (C grade)

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