

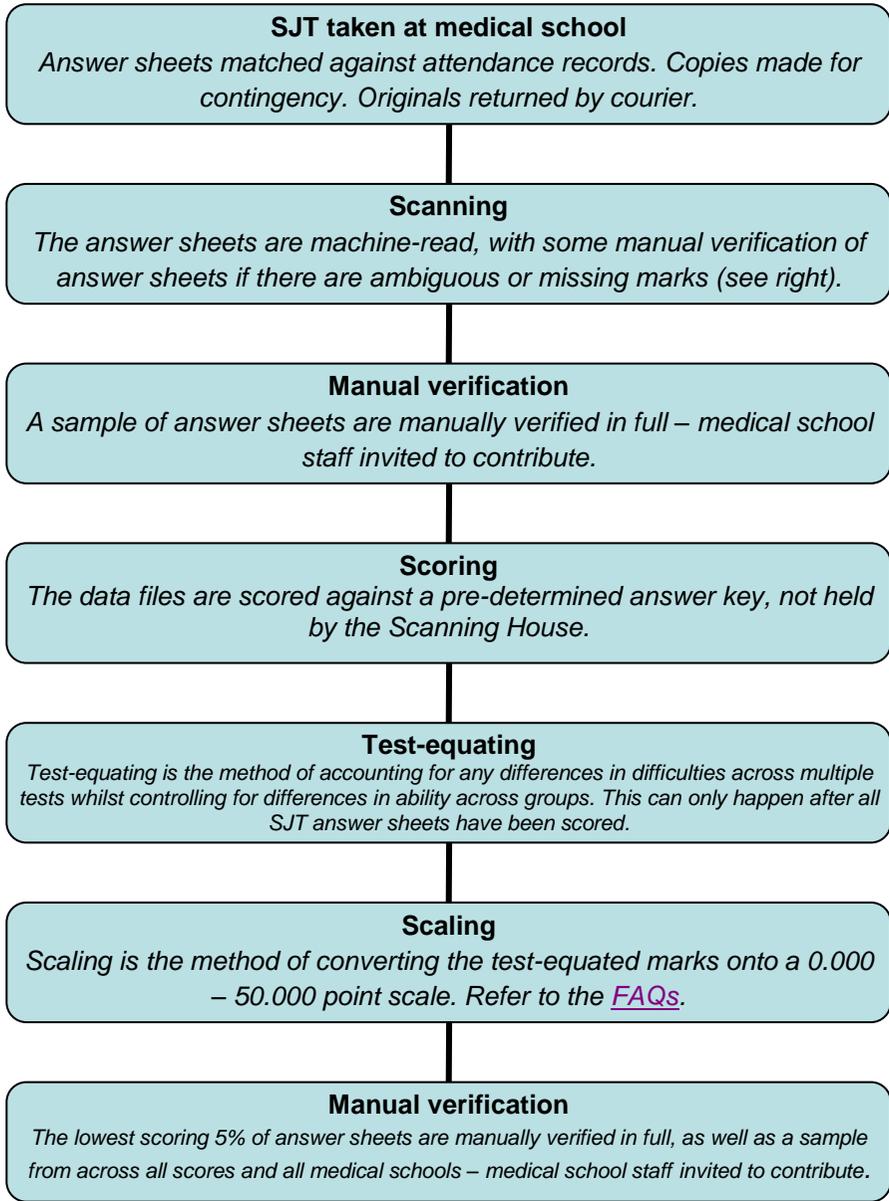
SJT scanning quality controls

MSC Assessment has absolute confidence in the accuracy of the SJT scanned data output. Enhanced quality controls as outlined in this document are in place to ensure accuracy.

Scanning House and Software Company
 MSC Assessment commissions UCL Medical School as the Scanning House. Speedwell Software has developed bespoke software set to record for 5 unique ranks for Part One answers, and exactly 3 answers in Part Two, and to require manual intervention in all other cases.

Optimal scanner settings
 Scanner greyscale settings are vital where applicant marks are imprecise – they determine the level of manual intervention required to verify genuine applicant errors.

These settings determine the minimum density of an applicant mark which will be read, and the differentiation between two marks to determine if one has been incompletely rubbed out.



Interpretation of applicant intention
 Answer sheets are machine-read, but manual verification is required where applicant marks are imprecise or ambiguous. These are identified by the software as ‘scanning errors’.

Two members of staff – one from UCL Medical School and one from MSC Assessment – review these errors and determine whether the answer is intended or not. A sample of changes are later audited by a third person. If in doubt, the decision is taken in the applicant’s favour.

35 Most Least

A	c1		c3	c4	c5
B		c2	c3	c4	c5
C	c1	c2		c4	c5
D	c1	c2		c4	
E	c1	c2	c3		c5

Example: The inconsistency in the pencil marks in Q35B and Q35D would be identified by the scanning machine as a ‘scanning error’. This answer sheet would then be manually verified at the point of scanning – some are genuine applicant errors.

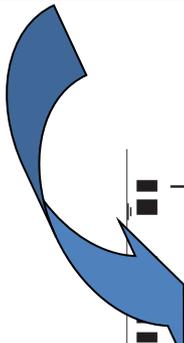
For this example, the recorded answer would be A2, B1, C blank, D3, E4.

Answer sheet design

Design decisions include placing the number inside the box to be completed (rather than above the box); requiring a line through the box rather than a circle (which takes longer to fill in); answering numbers in columns (top to bottom) rather than rows (right to left); spacing between columns, question numbers and Most/Least, First/Last instruction.

Total marks and missing marks

The precise number of questions in Part One (two thirds) and Part Two (one third) may vary each year. On an answer sheet with 47 ranking questions (Part One) and 23 multiple choice questions (Part Two), there are 1,379 answer boxes to be read by the scanner. A fully completed answer sheet will have a total of 304 answers recorded – 235 in Part One and 69 in Part Two.



PART ONE continued

26 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	31 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	36 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	41 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	46 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051
27 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	32 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	37 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	42 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	47 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051
28 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	33 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	38 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	43 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	
29 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	34 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	39 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	44 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	
30 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	35 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	40 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	45 Most Least A 113231031431051 B 113231031431051 C 113231031431051 D 113231031431051 E 113231031431051	

PART TWO (questions 48 - 70) Fill in THREE boxes out of the eight available for each question.
For example, A, D, E should be filled in like this: A B C D E F G H

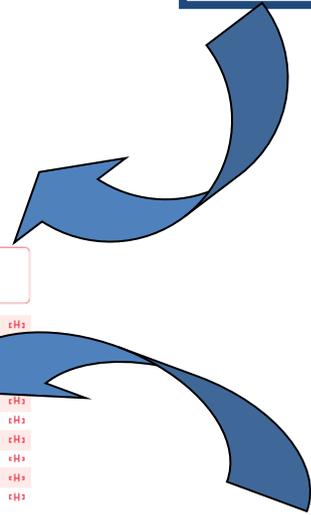
48 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	61 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
49 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	62 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
50 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	63 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
51 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	64 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
52 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	65 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
53 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	66 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
54 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	67 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
55 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	68 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
56 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	69 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
57 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	70 cA1 cB3 cC3 cD3 cE3 cF3 cG3 cH3
58 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	
59 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	
60 cA3 cB3 cC3 cD3 cE3 cF3 cG3 cH3	

Oriel PIN

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Enhanced checking of double-sided answer sheets

The barcode pre-printed on the back of your answer sheet contains your Oriel PIN. This provides an additional check that both sides of your answer sheet have scanned correctly, and are matched correctly to you on the data file.



Part 1 and Part 2 questions
There is a straight line break between Part One (ranking) and Part Two (multiple choice).