NEW ZEALAND SCHOLARSHIP 2004

PERFORMANCE SUMMARY FOR CALCULUS

From Standard		Code	From Schedule		
Performance Descriptors		Code	Pre-requisite	Performance Category	Minimum Requirements (including pre-requisite)
1	• Independently develop an extended chain of reasoning *Qs1b; 2a(ii); 4b* • Show insight and flair when solving complex problems *Qs 3b(i); 5b; 6b(ii)* • Demonstrate a high level of conceptual understanding through their ability to generalise and think abstractly *Qs 2b; 3b(ii); 6b(i)*	AR AP AT	Achieved 1 each of AR, AP, AT plus At least 5Bs including 1 of each of BM, BS	1	5As plus 5Bs
				2	3As plus 5Bs
2	• Devise and/or use models to solve complex problems (BM) *Qs 1a; 3a(i); 3a(ii); 5a; 6a* • Select appropriate combinations of techniques and concepts to solve complex problems *Qs 2a(i); 4a(i); 4a(ii)*	BM BS	Achieved 3 of BM plus 2 of BS	3	7Bs plus 2As
				4	7Bs
				5	5Bs
3	• Apply appropriate technique(s) within complex problems *Qs 1a, 3a(i), 3a(ii), 4a(i) OR 4a(ii), 6a.*	C	None	6	Any 3Bs plus at least 1A
				7	Any 4Bs
				8	Any 3Bs OR Any 2 Bs + any 2Cs

Question Number		Descriptor	Result (Question Code/N/NS)
1	a	BM or C	
	b	AR → AP or any B	
2	a (i)	BS → BM	
	a (ii)	AR or any B	
	b	AT → AP or any B	
3	a (i)	BM → BS or C	
	a (ii)	BM → BS or C	
	b (i)	AP → AT or any B	
	b (ii)	AT or any B	
4	a (i)	BS or C [or 4a(ii)]	
	a (ii)	BS or C [or 4a(i)]	
	b	AR or any B	
5	a	BM	
	b	AP or any B	
6	a	BM → BS or C	
	b (i)	AT → AR or any B	
	b (ii)	AP → AR or AT or any B	

Collation of Results

Code	Tally	Total
AR		**As =**
AP		
AT		
BM		**Bs =**
BS		
C		**Cs =**
Performance Category		

Key:

N = not achieved (ie. the evidence presented is incorrect, or it is not relevant to the question).

NS = not sufficient (ie. the evidence presented is correct, but not enough has been done to meet the requirements of the descriptor).