



TABLE OF SPECIFICATIONS
GENERAL MATHEMATICS
NAT 12 PRACTICE TEST
SY 2022 - 2023

[illegible]

determines the inverse of a one-to-one function	60	1.25	1.00			1			
M11GM-Id-3 represents an inverse function through its table of values and graph	60	1.25	1.00					1	
M11GM-Id-4 finds the domain and range of an inverse function	60	1.25	1.00		1				
M11GM-Ie-2 solves problems involving inverse functions	120	2.50	1.00		1				
M11GM-Ie-3 represents real-life situations using exponential functions	60	1.25							
M11GM-Ie-4 distinguishes between exponential function, exponential equation, and exponential inequality	60	1.25	1.00		1				
M11GM-Ie-f-1 solves exponential equations and inequalities	120	2.50	1.00			1			
M11GM-If-2 represents an exponential function through its table of values, graph, and equation	60	1.25	1.00					1	
M11GM-If-3 finds the domain and range of an exponential function	60	1.25	1.00		1				
M11GM-If-4 determines the intercepts, zeroes, and asymptotes of an exponential function	120	2.50	1.00		1				
M11GM-Ig-2 solves problems involving exponential functions, equations, and inequalities	120	2.50	1.00		1				
M11GM-Ih-1 represents real-life situations using logarithmic functions	60	1.25							
M11GM-Ih-2 distinguishes logarithmic function, logarithmic equation and logarithmic inequality	60	1.25	1.00		1				
M11GM-Ih-i-1 solves logarithmic equations and inequalities	120	2.50	1.00			1			

M11GM-II-2 represents a logarithmic function through its table of values, graph and equation	60	1.25	1.00					1	
M11GM-II-3 finds the domain and range of a logarithmic function	60	1.25	1.00		1				
M11GM-II-4 determines the intercepts, zeroes, and asymptotes of logarithmic functions	120	2.50	1.00		1				
M11GM-Ij-2 solves problems involving logarithmic functions, equations, and inequalities	120	2.50	1.00		1				
M11GM-IIa-1 illustrates simple and compound interests.	60	1.25	1.00		1				
M11GM-IIa-2 distinguishes between simple and compound interests.	60	1.25	1.00		1				
M11GM-IIa-b-1 computes interest, maturity value, future value, and present value in simple interest and compound interest	180	3.75	2.00		1	1			
M11GM-IIb-2 solves problems involving simple and compound interests.	180	3.75	2.00			1	1		
M11GM-IIc-1 illustrates simple and general annuities.	60	1.25							
M11GM-IIc-2 distinguishes between simple and general annuities.	60	1.25	1.00	1					
M11GM-IIc-d-1 finds the future value and present value of both simple annuities and general annuities.	240	5.00	2.00			2			
M11GM-IIId-2 calculates the fair market value of a cash flow stream that includes an annuity	120	2.50	1.00			1			
M11GM-IIId-3 calculates the present value and period of deferral of a deferred annuity.	120	2.50	1.00			1			
M11GM-IIe-1 illustrate stocks and bonds.	60	1.25	1.00	1					
M11GM-IIe-2 distinguishes between stocks and bonds.	60	1.25							
M11GM-IIe-3 describes the different markets for stocks and bonds.	60	1.25							

M11GM-IIe-4									
analyzes the different market indices for stocks and bonds.	60	1.25	1.00		1				
M11GM-IIIf-1									
illustrates business and consumer loans.	60	1.25	1.00	1					
M11GM-IIIf-2									
distinguishes between business and consumer loans.	60	1.25	1.00		1				
M11GM-IIIf-3									
solves problems involving business and consumer loans (amortization, mortgage).	180	3.75	2.00			2			
M11GM-IIg-2									
illustrate and symbolizes propositions	60	1.25							
M11GM-IIg-3									
Distinguishes between simple and compound propositions	60	1.25	1.00		1				
M11GM-IIg-4									
Performs the different types of operations on propositions	60	1.25	1.00	1					
M11GM-IIh-1									
Determines the truth values of propositions	120	2.50	1.00					1	
M11GM-IIh-2									
illustrates the different forms of conditional propositions	120	2.50	1.00		1				
M11GM-IIi-1									
Illustrates different types of tautologies and fallacies	120	2.50	1.00	1					
M11GM-IIi-2									
Determines the validity of categorical syllogisms.	120	2.50	1.00					1	
M11GM-IIi-3									
Establishes the validity and falsity of real-life arguments using logical propositions, syllogisms, and fallacies	120	2.50	1.00		1				
	4800	100.00	50.00	30		15		5	

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