

# JSU Mathematics (50) Form 1

## Ujian Akhir Sesi Akademik (UASA)

### SECTION A

Chapter	Context	Construct																			Marks	Number of Item
		Remembering			Understanding			Applying			Analysing			Evaluating			Creating					
		L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H			
1	Rational Numbers																					
1.1	Integers																			0	0	
1.2	Basic Arithmetic Operations Involving Integers				1															1	1	
1.3	Positive and Negative Fractions																			0	0	
1.4	Positive and Negative Decimals	1																		1	1	
1.5	Rational Numbers																			0	0	
2	Factors and Multiples																					
2.1	Factors, Prime Factors and Highest Common Factor (HCF)															1				1	1	
2.2	Multiples, Common Multiples and Lowest Common Multiple (LCM)																			0	0	
3	Squares, Square Roots, Cubes and Cube Roots																					
3.1	Squares and Square Roots										1									1	1	
3.2	Cubes and Cube Roots																			0	0	
4	Ratios, Rates and Proportions																					
4.1	Ratios				1															1	1	
4.2	Rates																			0	0	
4.3	Proportions																			0	0	
4.4	Ratios, Rates and Proportions															1				1	1	
4.5	Relationship between Ratios, Rates and Proportions, with Percentages, Fractions and Decimals									1										1	1	
5	Algebraic Expressions																					
5.1	Variables and Algebraic Expressions	1							1											2	2	
5.2	Algebraic Expressions Involving Basic Arithmetic Operations																			0	0	

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Chapter	Context	Construct																				Marks	Number of Item
		Remembering			Understanding			Applying			Analysing			Evaluating			Creating						
		L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H				
6	Linear Equations																						
6.1	Linear Equations in One Variable	1																		1	1		
6.2	Linear Equations in Two Variables																			0	0		
6.3	Simultaneous Linear Equations in Two Variables																			0	0		
7	Linear Inequalities																						
7.1	Inequalities																			0	0		
7.2	Linear Inequalities in One Variable													1						1	1		
8	Lines and Angles																						
8.1	Lines and Angles	1																		1	1		
8.2	Angles related to Intersecting Lines																			0	0		
8.3	Angles related to Parallel Lines and Transversals											1								1	1		
9	Basic Polygons																						
9.1	Polygons				1															1	1		
9.2	Properties of Triangles and Interior and Exterior Angles of Triangles																			0	0		
9.3	Properties of Quadrilaterals and Interior and Exterior Angles of Quadrilaterals					1														1	1		
10	Perimeter and Area																						
10.1	Perimeter										1									1	1		
10.2	Area of Triangles, Parallelograms, Kites and Trapeziums																			0	0		
10.3	Relationship between Perimeter and Area						1													1	1		
11	Introduction of Set																						
11.1	Set	1																		1	1		
11.2	Venn Diagrams, Universal Sets, Complement of a Set and Subsets																			0	0		
12	Data Handling																						
12.1	Data Collection, Organization and Representation Process, and Interpretation of Data Representation	1																		1	1		
13	The Pythagoras' Theorem																						
13.1	The Pythagoras' Theorem										1									1	1		
13.2	The Converse of Pythagoras' Theorem																			0	0		

## SECTION B

	Context	Construct																			Marks
		Remembering			Understanding			Applying			Analysing			Evaluating			Creating				
		L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H		
1	Question 1				4															4	
2	Question 2				2						2									4	
3	Question 3				2	2														4	
4	Question 4								4											4	
5	Question 5									2						2				4	

## SECTION C

	Context	Construct																			Marks
		Remembering			Understanding			Applying			Analysing			Evaluating			Creating				
		L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H		
1	Question 1				2			4	4											10	
2	Question 2					2							4	4						10	
3	Question 3				3			4					3							10	
4	Question 4					4			6											10	
5	Question 5				2						4			2		2				10	
6	Question 6				3	2		2					3							10	