adamjee maths

A-LEVEL MATHS / EDEXCEL / FREE RESOURCES

Modulus functions

Mark scheme

1 questions

Exam questions and marking instructions remain credited to their board.

Contents

1 June 2022 - Paper 1 - Q1

Question	Scheme	Marks	AOs
1 (a)	$(-2, -3)$	B1	1.1b
		(1)	
(b)	$(-2, 5)$	B1	1.1b
		(1)	
(c)	Either $x = 0$ or $y = -13$	M1	1.1b
	$(0, -13)$	A1	1.1b
		(2)	
			(4 marks)
Notes:			

Watch for answers in the body of the question and on sketch graphs. This is acceptable.
If coordinates are written by the question and in the main answer section the answer section takes precedence.

(a)

B1: Accept without brackets. May be written $x = -2, y = -3$

(b)

B1: Accept without brackets. May be written $x = -2, y = 5$

(c)

M1: For either coordinate. E.g. $(0, ...)$ or $(..., -13)$

If they are building up their solution in stages e.g. $(-2, -5) \rightarrow (0, -5) \rightarrow (0, -15) \rightarrow (0, -13)$ only mark their final coordinate pair

A1: Correct coordinates. See above for building up solution in stages

Accept without brackets. May be written $x = 0, y = -13$

SC 10 for candidates who write $(-13, 0)$

Question	Scheme	Marks	AOs