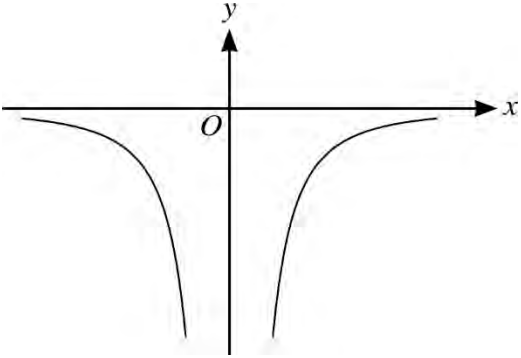


Question		Answer	Marks	AO	Guidance	
3	(a)		<b>B1</b>	<b>1.1</b>	<p>Curve in both quadrants:</p> <ul style="list-style-type: none"> <li>• Correct shape, symmetrical, not touching axis</li> <li>• Asymptote the axes</li> <li>• Not finite</li> <li>• Allow slight movement away from asymptote at one end but not more</li> </ul>	<b>N.B. Ignore 'feathering' now that answers are scanned.</b>
			[1]			
3	(b)	$y = -\frac{1}{(x-2)^2}$	<b>M1</b>	<b>1.1</b>	$(y =) -\frac{1}{(x-2)^2}$ or $(y =) -\frac{1}{(x+2)^2}$	
			<b>A1</b>	<b>2.5</b>	Fully correct, must include 'y ='	
			[2]			
3	(c)	$\left(\frac{1}{2}, -2\right)$	<b>B2</b>	<b>1.1</b>	B1 for each coordinate	
				<b>1.1</b>		
			[2]			