Nitrou	us acid, HNC	O <sub>2</sub> , and formic acid, HCOOH, are both monoprotic weak acids.	
(a)	Outline the difference between the terms 'monoprotic' and 'polyprotic'. Use equi illustrate your answer.		
	-		
(b)	Using the both acids	Brønsted-Lowry model of acids and bases, write the ionisation	equations for (2 marks)
	Nitrous acid		
	Formic acid		
(c)	In the equ	ations above, circle the Brønsted-Lowry bases.	(2 marks)

**Question 26** 

(11 marks)

(d)	Using <b>one</b> of the two acids as an example, describe how Arrhenius theory of acids and bases differs from Brønsted-Lowry theory. Include an appropriate Arrhenius theory				
	equation in your answer.	(3 marks)			