

Question 1:

	V	V	N	V	F	K	L	L	L	P
V										
G	2									
S	0	5	2							
H		2	7	1						
A			1	6	1					
F				1	6	0				
K					0	5	0			
L						0	9	4		
L							4	13	8	
F								8	13	8
G									8	11
K										6
S										

Alignment is:  
-VNVFKLLLP--  
VGSHAFKLLFGKS