

Q1) MAPFVADV
 ||||| |
 AAPFVDLV

$$P_{\text{Score}} = P(M, A) + P(A, A) + P(P, P) + P(F, F) + P(V, V) \\ + P(C, D) + P(D, L) + P(C, V, V)$$

$$P_{\text{Score}} = -1 + 2 + 6 + 9 + 4 \\ + 0 + -4 + 4$$

$P_{\text{Score}} = 20$

Q2)

	M	P	R	K	V	V
D	0	-3	-6	-9	-12	-15
P	-3	-1	-4	-6	-9	-12
L	-6	123	0	-3	-6	-9
V	-9	0	0	-3	-1	-4
R	-12	-3	-2	-2	1	3
	-15	-6	3	1	-2	0

- P R K V V -
 D P - - L V R / Global alignment score = 0