Q1)

The verification procedure works by the following argument. Assume that the signature is valid. As $s \equiv k-1(m-zr) \pmod{p-1}$, we have $sk \equiv (m-zr) \pmod{p-1}$ and hence $m \equiv sk + zr \pmod{p-1}$. Therefore by Fermat's little theorem, that a congruence mod p-1 in the exponent yields a congruence mod p overall, we have:

 $v2\equiv \alpha m\equiv \alpha sk+zr\equiv \alpha sk\times \alpha zr\equiv \beta rrs\equiv v1(modp)$

Q2)