For a mixed strategy profile
$\sigma^* = (\sigma_1^*, \sigma_2^*, \ldots \sigma^*n)$
is a nash equilibrium if for each player σ_i^* is a best response to σ^*_{-i}.

That is, for all $i \in N$

$$V_i(\sigma^*_i, \sigma^*_{-i}) \geq V_i(\sigma_i, \sigma^*_{-i})$$
$$\forall \sigma_i \in S_i$$

Here every player is playing the best response to the mixed strategies of the other players & no player has an incentive to unilaterally deviate from current mixed strategy.