The objective function:

$$\min_{\theta} \sum_{t=1}^{N} R_t(-\sum_{i=1}^{n} \mathbf{I}(a_i, a_t) \log(\pi(a_i|s_t;\theta))$$

where N is thte number of time step in one episode, n is the number of actions in action space, $\mathbf{I}(x, y)$ is an indicator function defined as $\mathbf{I}(x, y) = 1$ if $x == y$ else 0.