

expectation-imax-list^{11,40}

$\forall p:\text{FinProbSpace}, n:\mathbb{N}, k:\mathbb{N}^+, X:(\{0..k^-\} \rightarrow (\{0..n^-\} \rightarrow \text{Outcome})) \rightarrow \mathbb{N}$.
 $E(n; \lambda s. \text{imax-list}(\text{map}(\lambda i. X(i, s); \text{upto}(k)))) \leq \Sigma 0 \leq i < k$
 $E(n; X(i))$