We start from a Dynkin quiver and a choice of minuscule vertex. As in part I, we can then define a map from a subcategory of the representations of the quiver to reverse plane partitions of whose shape is the minuscule poset corresponding to the chosen vertex. This maps turns out to be a bijection and is an analogue of the classical Robinson-Schensted-Knuth correspondence. We also discuss part of the proof that this is a bijection. (Received February 12, 2018)