$$T(\Theta) \sim Beta(2,3) \propto \Theta^{2}(1-\Theta)^{2}$$

$$T(x|\Theta) \sim Binomial(2,\Theta) \propto \Theta^{K}(1-\Theta)^{2-K}$$

$$T(\Theta|x) = \Theta^{K+2-1}$$

$$(1-\Theta)^{5-K} - 1 \sim Beta(2+K, 5-K)$$

$$Si K=1 \sim Beta(3,4)$$