We consider a discrete time tandem queues with unreliable servers and finite buffers between service stations. Due to the limit of buffer capacity, a server may not provide its service while there are no customers in upstream buffer (starvation) or downstream buffer is full (blocking) when it completes its service. Servers are unreliable and operation dependent failures rules are adopted, that is, each server can be failed only when the server is working. The service time of each server is assumed to be a constant unit time. The time to failure and time to repair are assumed to have geometric distribution and discrete phase type distribution, respectively. In this talk, we present an approximate analysis for the system based on the decomposition method and discuss about applications of the approach to the variants of the system.