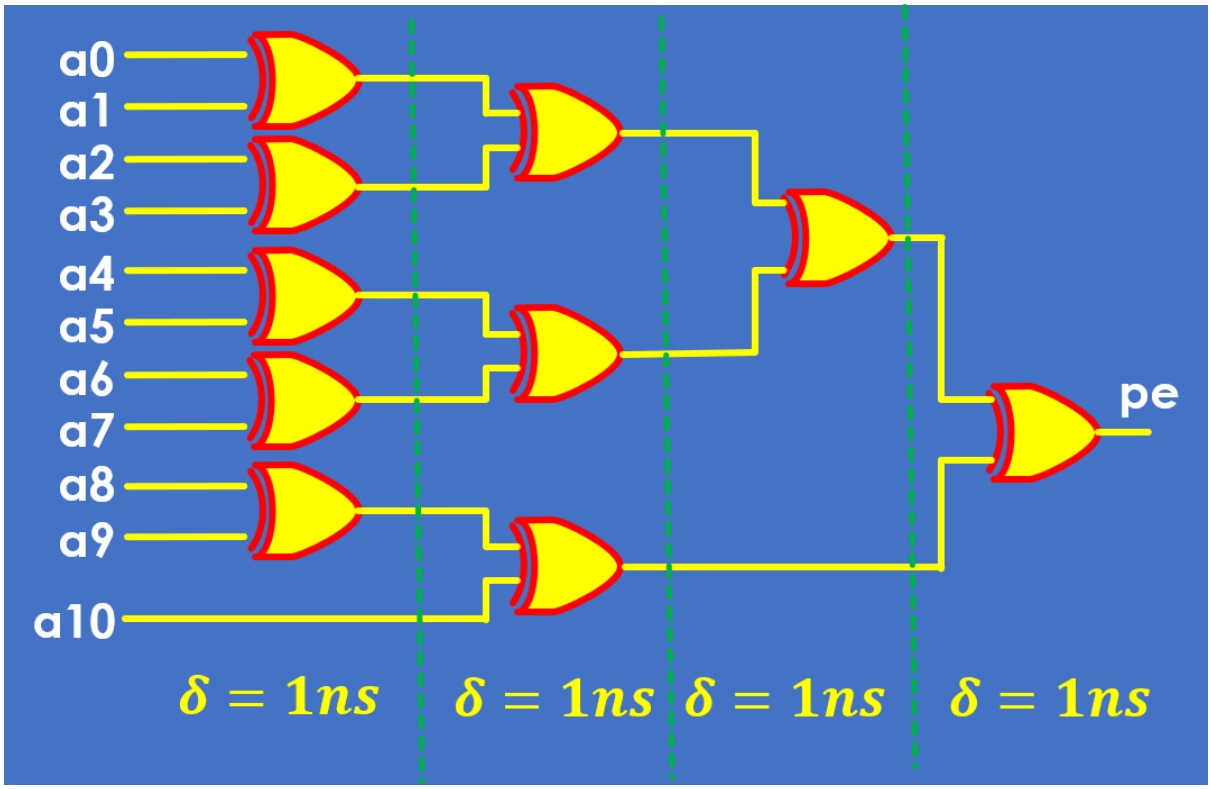

Design propagation delay = $4nsec$