## 2a.ii: Concise Paragraph (Technical, Structured)

The derived policy π allocates t1​ and t3​ tasks to w1​ and w2​ in sequential, path-optimized order, while r1​ and r2​ execute the entire set of t2​ tasks concurrently via spatial partitioning, maximizing system throughput. The analysis relies on the **Pareto Front P**, the non-dominated set defining the optimal trade-off boundary between maximizing P(π) and minimizing E[C]. Selecting the policy that satisfies the P(π)≥0.91 constraint yields **Solution ID 15**, which achieves P(π)=0.916 for E[C]=37.10. This reliability is maintained by optimally weighting the local fault tolerance Nmax​(ti​), prioritizing the high-risk t2​ tasks with significant re-execution budgets (up to Nmax​=9).