

Class 29 T2

B.S, D.1, D.2, M.1

⑤ $3/3 \rightarrow \Omega_{AB} = 100$
 $6/0 \rightarrow \Omega_{AD} = 28$

ratio \rightarrow relative prob
 $3.57 \times$

① 7: 700×3
 610×6
 520×6
 511×3
 430×6
 421×6
 331×3
 322×3

 36

4: 400×3
 310×6
 220×3
 211×3

 15

② 2: 200000×6
 $110000 \times \binom{6}{2} = \frac{6 \cdot 5}{2} = 15$

 21

6: $\frac{6+5!}{6! 5!} = \frac{11 \cdot 10 \cdot 9 \cdot 8 \cdot 7}{5 \cdot 4 \cdot 3 \cdot 2} = 11 \cdot 3 \cdot 2 \cdot 7$

u_A	Ω_A	u_B	Ω_B	Ω_{AB}	
0	1	6	462	462	.154
1	3	5	252	756	.252
2	6	4	126	756	.252
3	10	3	56	560	.186
4	15	2	21	315	.105
5	21	1	6	126	.042
6	28	0	1	28	.009
				<hr/>	
				3003	

} most prop

← this is even divided