

### iii. Prioritätsgesteuertes Scheduling

Reihenfolge

B  $\rightarrow$  E  $\rightarrow$  C  $\rightarrow$  D  $\rightarrow$  A

$$T_v = \frac{1}{5} \cdot (5 \cdot 25 + 4 \cdot 40 + 3 \cdot 9 + 2 \cdot 12 + 1 \cdot 13)$$

$$= \underline{\underline{69,8}}$$

### IV Round Robin mit konst. Zeitscheibe

A <sub>13</sub>	B <sub>25</sub>	C <sub>9</sub>	D <sub>12</sub>	E <sub>40</sub>	
13-9=4	25-9=16	9-9= <u>0</u>	12-9=3	40-9=31	$T_c = 5 \cdot 9 = 45$
4-3=1	16-3=13	—	3-3=0	31-3=28	$T_D = T_c + 4 \cdot 3 = 45 + 12 = 57$
1-1=0	13-1=12	—	—	28-1=27	$T_A = T_D + 3 \cdot 1 = 57 + 3 = 60$
—	12-1=11	—	—	27-12=15	$T_B = T_A + 2 \cdot 12 = 60 + 24 = 84$
—	—	—	—	15-15=0	$T_E = T_B + 15 = 84 + 15 = 99$

$$T_v = \frac{1}{5} \cdot (45 + 57 + 60 + 84 + 99) = \underline{\underline{69,8}}$$