

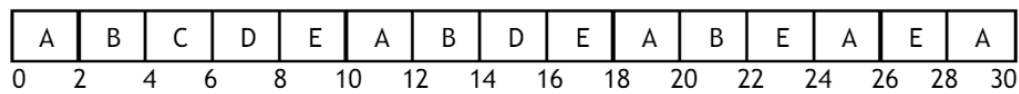


پاسخنامه کوئیز سیستم عامل – دکتر انتظاری

### مبحث Scheduling

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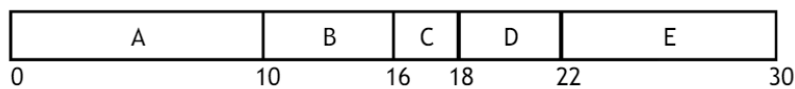
$$\text{Mean TAT} = (30+22+6+16+28)/5 = 102/5 = \mathbf{20.4 \text{ ms}}$$

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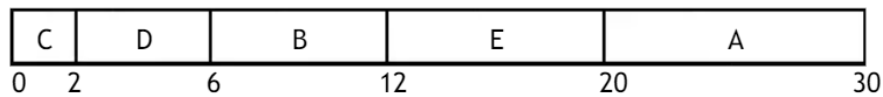
$$\text{Mean TAT} = (24+6+26+30+14)/5 = 100/5 = \mathbf{20 \text{ ms}}$$

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$$\text{Mean TAT} = (10+16+18+22+30)/5 = 96/5 = \mathbf{19.2 \text{ ms}}$$

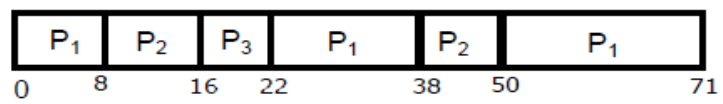
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$$\text{Mean TAT} = (30+12+2+6+20)/5 = 70/5 = \mathbf{14 \text{ ms}}$$

**Gantt Chart:**

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$$\text{Avg Waiting Time} = \frac{26 + 30 + 16}{3} = 24$$

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