# 体系结构第六次作业

## PB18000221 袁一玮

## 1

### a

MSI: 100 + 15 = 115 stall cycles

MESI: 100 + 0 = 100 stall cycles

### b

MSI: 100 + 15 = 115 stall cycles

MESI: 100 + 15 = 115 stall cycles

### c

MSI: 100 + 100 = 200 stall cycles

MESI: 100 + 100 = 200 stall cycles

### d

MSI: 100 + 100 = 200 stall cycles

MESI: 100 + 100 = 200 stall cycles

### e

MSI: 100 + 15 + 40 + 10 = 165 stall cycles

MESI: 100 + 0 + 40 + 10 = 150 stall cycles

## 2

### a

P0,0: 写命中, 只有 P0,0

### b

P0,0: 写命中, 发出替换请求; P3,1 收到作废

**c**

P0,0: 写不命中; P1,0 收到作废

**d**

P1,0: 写不命中