

1.  $Nf(n-1)$  of 64

worst time

$\log(n) + 2(n-1)$  of 64

2. 18 (1-16)

2, 3, 5, 7, 11, 13, 17

$S_1: 2, 3, 5, 7, 11, 13$

$S_2: 2, 3, 5, 7$

$S_3: 2, 3$

$S_4: 2$

$S_5: 3$

$S_6: 5, 7$

$S_7: 5$

$S_8: 7$

$S_9: 4, 13$

$S_{10}: 11$

$S_{11}: 13$

①