

## Exercise # 1

(範圍: Principle of Inclusion and Exclusion)

1. Give the detailed computations of the right-hand side on page 14 of lecture notes. (10%)
2. P. 397: 6. (30%)
3. P. 397: 20. (10%)
4. P. 401: 2. (20%)
5. P. 403: 4. (10%)
6. P. 410: 7. (20%)