申論題：

1. Indicate and discuss the issues of internal validity and external validity for conducting a research study. (30%)

2. Discuss the advantages and disadvantages for the following research designs: (A) cross-sectional design; (B) randomized controlled trials; and (C) longitudinal study. (30%)

3. Acquiring informed consent prior to participating in a research project is important. Please indicate the elements of an informed consent. (20%)

4. Indicate and discuss three different probability sampling methods. (20%)