

## SAMPLING

- 1) Quota Sampling - E  
Stratified Sampling - A  
Random Sampling - B  
Opportunity Sampling - C  
Systematic Sampling - D

2a) All of the students at the school

b) Advantage → Everyone's views are taken into account

Disadvantage → Slower, More Expensive

3a) A membership list.

b) The members

c) Opportunity

d) Advantages

- Easy to select sample

Disadvantages

- Non random
- Can be biased

4a) Systematic

b) Advantages

- Ensures population is evenly sampled
- Can be quick & easy to use

Disadvantages

- Needs a sampling frame
- If there is a periodic trait in the population it wouldn't be representative
- There may be missing values

5a) Quota

6/

Advantages

- Does not need a sampling frame
- Frequencies in each group may be representative of the population

Disadvantages

- Non Random
- Can be biased

6/

$$\frac{53}{573} \times 60 = 5.54 \dots \quad \underline{\underline{6}}$$

7/

$$\frac{223}{550} \times 40 = 16.218 \dots \quad \underline{\underline{16}}$$