## 1. TEST

1) Complete the values in the table. The data represent the number of children in 33 families.

| Number of | _         | Relative  | Cumulative | Relative cumulative |
|-----------|-----------|-----------|------------|---------------------|
| children  | Frequency | frequency | frequency  | frequency           |
| 0         | 6         |           |            |                     |
| 1         | 7         |           |            |                     |
| 2         | 14        |           |            |                     |
| 3         | 5         |           |            |                     |
| 4         |           |           |            |                     |

- 2) Based on the information from the first example, answer the following questions:
  - a) How many families have 4 children?
  - b) What percentage of the interviewed families have 2 children?
  - c) How many families have less than 2 children?
  - d) What percentage of the surveyed families have no more than 2 children?
- 3) Select quantitative characters from the given statistical characters:

sex; education; number of cars; wages; age.

- 4) Data represent respondents' education. Specify the mode and median of the file.
- B basic education; S– secondary education; U higher education

B; S; U; B; S; U; B; S; S

Complete the frequency table.

| Education | Frequency | Relative frequency | Cumulative frequency | Relative cumulative frequency |
|-----------|-----------|--------------------|----------------------|-------------------------------|
| В         |           |                    |                      |                               |
| S         |           |                    |                      |                               |
| U         |           |                    |                      |                               |

- 5) Answer the questions:
- a) How many respondents had basic education?
- b) What percentage of respondents had a secondary education?
- c) How many respondents had a secondary education at most?
- d) What percentage of respondents had a secondary education at most?