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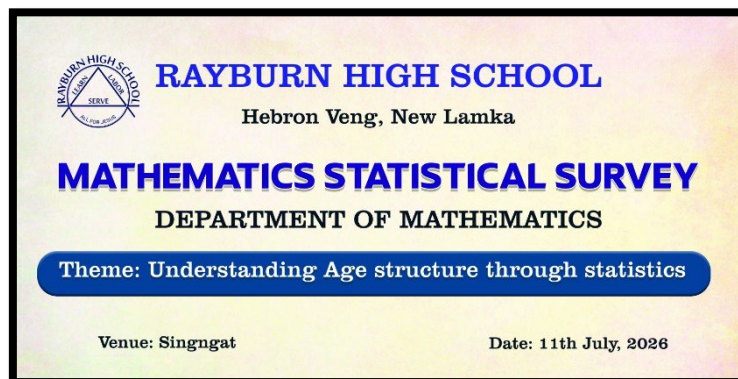
MATHEMATICS STATISTICAL FIELD SURVEY REPORT

Topic: Survey on the Age Distribution of Family Members in Singngat.

Date of Survey: 11th July 2026 (Saturday).

Submitted To: Head of Department.

Submitted By: Mathematics Department.



INTRODUCTION

A field survey was conducted in Singngat by students, who were divided into 20 groups. Each group visited 20 households and collected the ages of family members. The purpose of the survey was to calculate the mean, median, and mode of the ages recorded, thereby analyzing the age distribution within the community.

METHODOLOGY

1. Survey Design: 20 groups of students conducted house-to-house visits.
2. Data Collection: Each group recorded the ages of family members in the households they surveyed.
3. Statistical Analysis: For each dataset, the following measures of central tendency were calculated:
 - **Mean:** The average age.
 - **Median:** The middle value when ages are arranged in ascending order.
 - **Mode:** The most frequently occurring age.

RESULTS

The findings of each group are summarized in the table below:

GROUP	MEAN AGE (YEARS)	MEDIAN AGE (YEARS)	MODE AGE (YEARS)
1	25.3	20.71	7.142
2	25.98	22	13
3	25	20.59	12.5
4	24.29	19.83	12.5
5	30.36	28.93	32
6	33.44	25.34	14.82
7	30.59	28.57	8.28
8	36.8	22.54	47.27
9	28.31	26.9	21.11
10	29.9	22.86	13.84
11	33.79	37.38	42.57
12	30.1	25.43	16.87

13	35.82	24.62	17.5
14	27.76	33.8	27.39
15	32.32	26.2	23.74
16	27	23.06	15.48
17	33.28	28.4	18.64
18	32.66	29.5	25
19	32.24	28.16	16.79
20	27.99	25.69	11.79

ANALYSIS

1. Mean Age

The mean age of most groups is between 25 and 35 years, with an overall average of about 30 years. This shows that the population is mainly made up of young and middle – aged people.

2. Median Age

The median age of most groups falls between 20 and 30 years. This indicates that half of the people surveyed are below this age and half are above it.

3. Mode Age

The mode age varies from group to group, showing that the most common age differs across households and localities.

CONCLUSION

The survey shows that Singngat has a young and active population, with most people belonging to young and middle- age groups.

Overall, the survey reveals that Singngat has a balanced population with children, youths, adults, and elderly people. The presence of a large number of people in the productive age group indicates a strong workforce and active community.



Interviewers collecting and recording responses from the respondents

