STD VIII

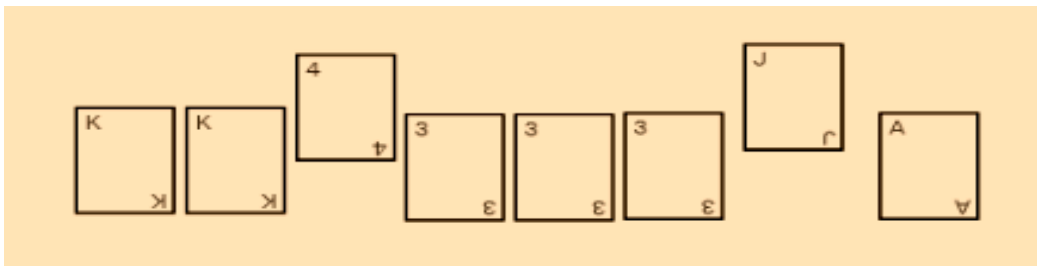## DATA HANDLING

CASE STUDY 1: (Playing Cards)

(a) From a pack of cards the following cards are kept face down. Sunil wins if he picks up a face card. Find the probability of Sunil winning ?
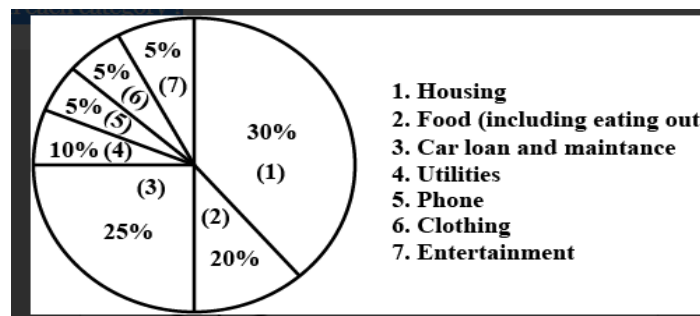

(b) Now the next set which is at bottom are added to the above cards :

What is the probability of Sunil winning now? Reshma wins if she picks up a 4. What is the probability of Reshma winning?

CASE STUDY 2:

A financial counsellor gave a client this pie chart describing how to budget his income. If the client brings home Rs 50,000 each month, how much should he spend in each category?

1. Housing
2. Food (including eating out)
3. Car loan and maintance
4. Utilities
5. Phone
6. Clothing
7. Entertainment

CASE STUDY 3:

Look at the histograms below answer the questions that following questions.

(a) How many students have height more than or equal to 135 cm but less than 150 cm?

(b) Which class interval has the least number of students?

(c) What is the class size?

(d) How many students have height less than 140 cm?