Chapter – 6

Information Processing

Ex 6.1

Question 1.

9, 7, 2 How many possible ways to write three digit number without repeating. these numbers?

Answer:
972, 792, 279, 297, 729, 927 (6 ways)

Question 2.
You have to choose a tiffin and a drink from the given menu of a hotel. List the possible combinations. How many combinations are possible?

Tiffin	Drink
idly	Tea
Poori	Coffee
Dosai	Milk
Pongal	

List the possible combinations systematically.

Answer:
Idly – Tea
Idly – coffee
Idly – Milk

Poori – Tea
Poori – coffee
Poori – Milk

Dosai – Tea
Dosai – coffee
Dosai – Milk

Pongal – Tea
Pongal – coffee
Pongal – Milk

Question 3.
kavin has four cards

a. List down all 3-digit numbers possible with these cards without repetition.

Answer:
974, 946, 976, 964, 947, 967
794, 746, 796, 764, 749, 769
497, 476, 469, 479, 467. 496
697, 679, 674, 647, 694, 649

b. What is the largest 4-digit odd number that can be mode without repeating the numbers?
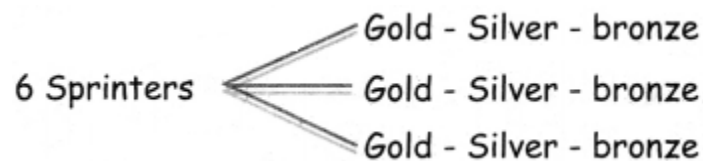
Answer:
9647

Question 4.
There are 6 sprinters (an athlete who runs fast in short race). In how many different ways 3 medals (GoId, silver and bronze) be allocated?
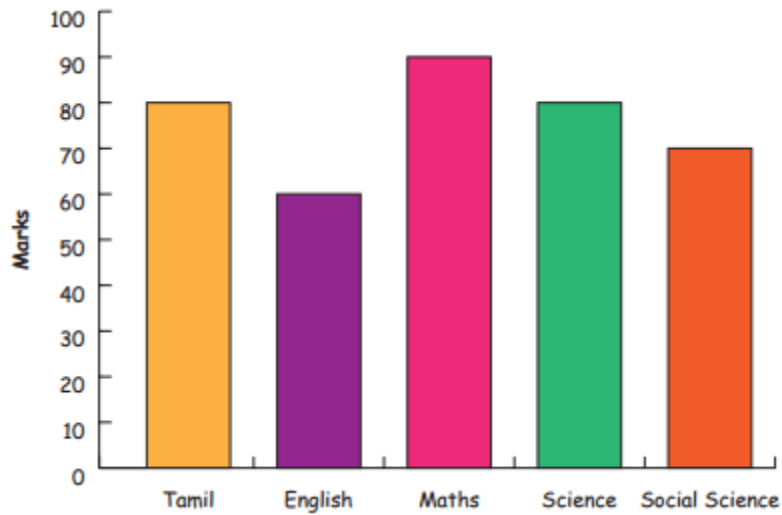
Answer:

Question 1.
Bar diagram of a student first term scores are given.

a. Which subject is the highest score?

Answer:
Maths

b. Which subject is the lowest score?

Answer:
English

c. Which subject is the same score?
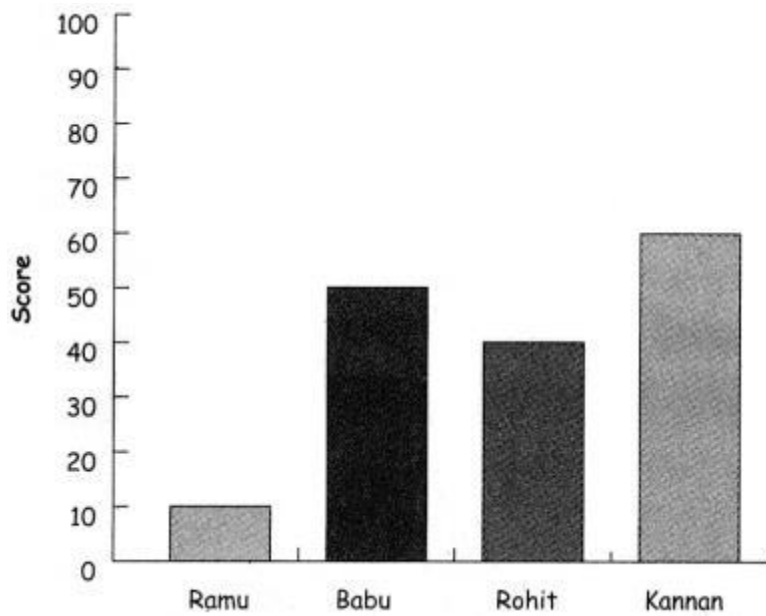
Answer:
Tamil and Science.

Question 2.
The score card of the players in a cricket match is given.

Player Name	Score
Kannan	60
Rohit	40

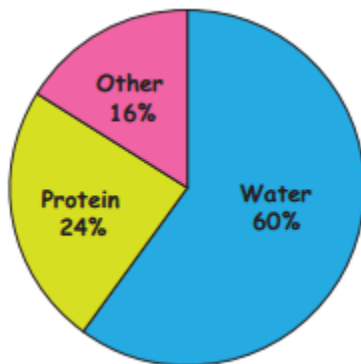|	
Babu	50
Ramu	10

Draw a Bar diagram.

Answer:

Ex 6.3

Question 1.
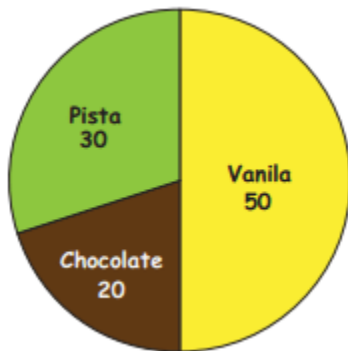Write down the percentage of content in human body from the given pie-chart.

Answer:
Water – 60%
protein – 24%
Others – 16 %

Question 2.
The number of varieties of ice creams in an ice cream parlour is given below as a pie-chart. Answer the following questions.

1. How many varieties of Ice creams are there _____.

Answer:
Three

2. Find the number of Vanila Ice creams _____.

Answer:
50

3. Find the total number of Chocolate and Pista Ice cream _____.

Answer:
50 (30 to 20)

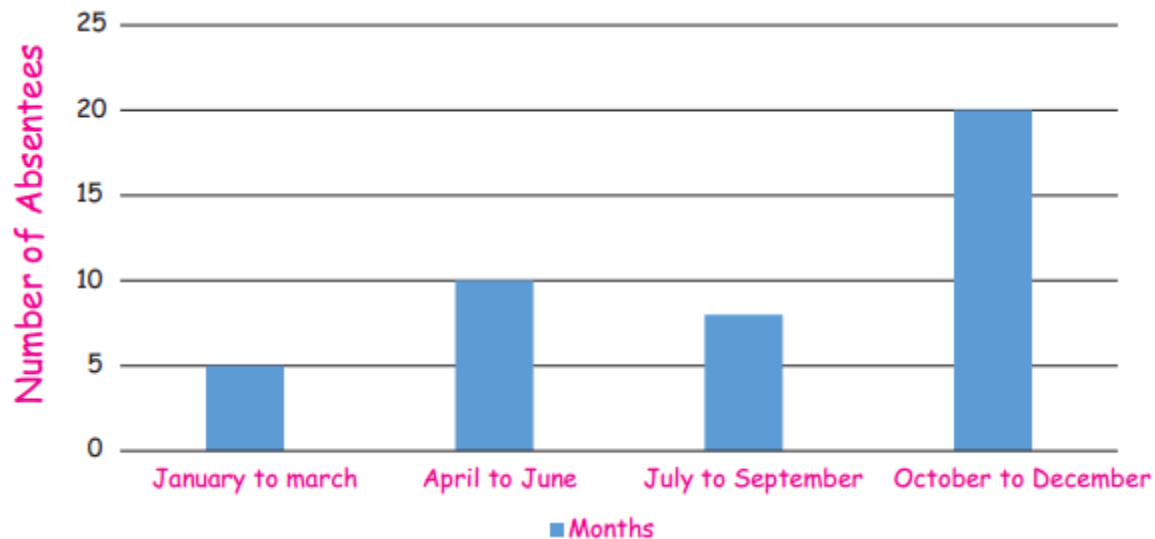**4. Find the total number of Ice creams _____.**

Answer:
100

Question 3.
Absentees record of a class of 30 children is given in a graph.

(i) In which month there are more absentees?

Answer:
October to December since It will be winter season.

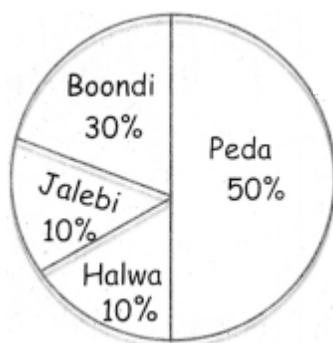### (ii) In which month there are less absentees?

Answer:
January to March Since Annual Exam comes.

Question 4.
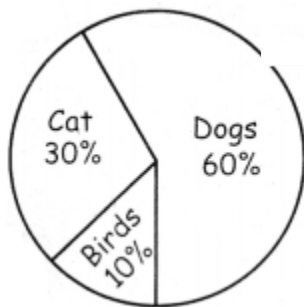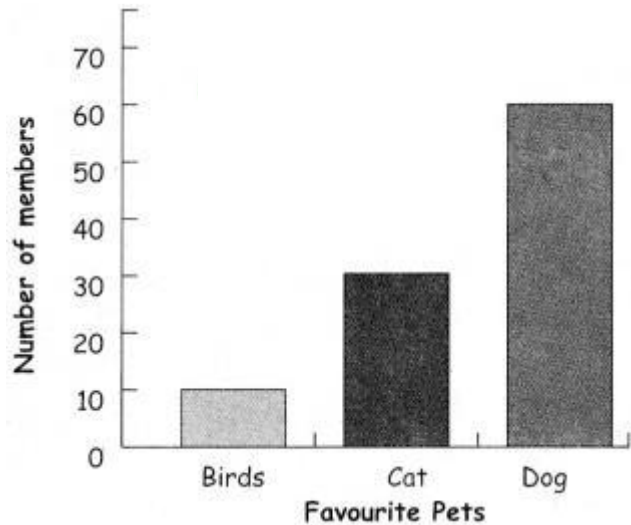Draw a pie-chart for the favourite sweets of your family members.

Answer:

Question 5.
Collect information about the favourite pets of your classmates. Drow bar-graph and pie-chart for the same data.
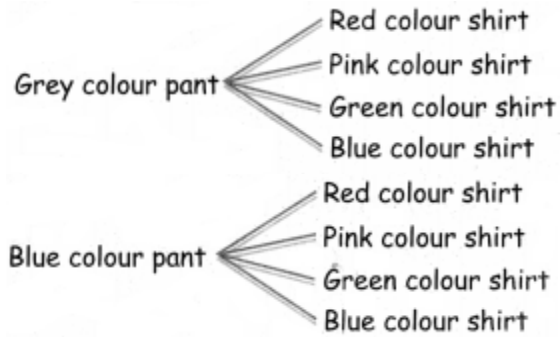
Answer:

InText Questions

Activity (Text Book Page No. 73)
Find out all the possible ways of dressing, using 2 pants, 4 shirts.

Answer:

Question 1.
TEACHER Create 3 letter words using the given word without "t" at the end.
Tea, Car, _____ , _____ , _____ ,

Answer:
Tea, Car, Ear, Tee, Ter

Question 2.
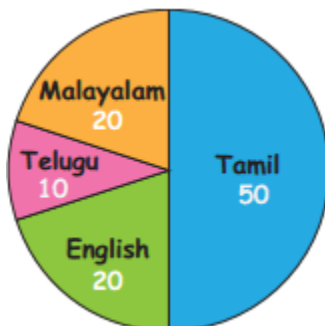Create 5 letter words using the given letters only once.

| A | D | E | G | L | M | N | R | T |

Anger, Medal, _____ , _____ , _____ ,

Answer:
Anger, Medal, Angel, Ladge, Range

Answer the following Questions by using given data :

Question 1.
Number of people who speak Tamil _____.

Answer:
50

Question 2.
Number of people who speak English _____.

Answer:
20

Question 3.
Number of people who speak Malayalam _____.

Answer:
20

Question 4.
Number of people who speak Telugu _____.

Answer:
10

Activity (Text Book Page No. 77)

Question 1.
Draw a pie-chart for family Budget of food, bus fare and other expenses.

Answer:

Question 2.
Draw a pie-chart for favourite fruits of your friends.

Answer:
Activity to be done by the students themselves