NALANDA V **Nalanda Vidyalaya – Colombo 10** DA VIDYALAYA

NALANDA VIDYALAY **Unit Test Project** NALANDA VIDYALAYA

| Grade 6 | Mathematics | Unit : 23 – Data Interpretation |

- Answer all questions.

(1) Draw a picture to represent the following data that can be used in picture graphs.

Eg :- Vehicles

i)	Soft drink bottles	……………………………
ii)	Trees	……………………………
iii)	Houses	……………………………
iv)	Passengers	……………………………
v)	Birds	……………………………

(2) Represent the following data in a picture graph.

Type of food	No. of students who preferred them
Bread	5
String hoppers	7
Pittu	6
Rice	4
Hoppers	3

(3) The daily income of a shop within a certain week in given in the following table.

Day	Income (Rs)
Monday	1 500
Tuesday	3 000
Wednesday	2 750
Thursday	1 500
Friday	2 250

Denote Rs. 500 by ⊘ and represent this data in a picture graph.

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Answer the following questions using the picture graph.

i) How many symbols should be drawn to represent the income on Wednesday.

ii) Show the way you draw them.

(4) The data on the vehicles that joined a highway during a certain period of time through a certain entry point is represented in the following table.

Type of vehicle	Number
Car	7
Bus	9
Van	13
Lorry	4
Other	6

Represent the above data in a picture graph.

(5) The number of soft drink bottles produced during the first five months of the year is given below. Answer the following questions using the picture graph.

January	⌣ ⌣ ⌣ ⌣ ⌣
February	⌣ ⌣ ⌣ ⌣
March	⌣ ⌣ ⌣ ⌣ ⌣ ⌣
April	⌣ ⌣ ⌣
May	⌣ ⌣ ⌣ ⌣ ⌣

1000 bottles are represented by the symbol ⌣

i) How many bottles were produced during the month March?

ii) In which month was the most number of drink bottles were produced?

iii) Find the total production of the soft drink bottles.

iv) How many more bottles were produced in March than in February?

Prepared by Ms. T. R. N. Niwanthie