

Date: 10<sup>th</sup> April

Day: Friday Practice Questions Ex. 1-1

- Ques. 1 Find the difference between the greatest and the least number the can be written using the digits 6, 2, 7, 4, 3 each once.
- Ques. 2 Medicine is packed in boxes, each weighing 4 kg 500g. How many such boxes can be loaded in a van which cannot carry beyond 800 kg?
- Ques. 3 The distance between the school and the house of a student's house is 1 km 875 m. Every day she walks both ways. Find the total distance covered by her in six days.

Sol<sup>n</sup> (i) Greatest 5-digit number using given digits = 76432  
 Smallest 5-digit " " " " = 23467  
 Difference =  $\underline{52965}$

Sol<sup>n</sup> (2) Weight of 1 box = 4 kg 500g  
 $= 4 \times 1000 + 500$   
 $4000 + 500$   
 $4500 \text{ g}$

Maximum load can be loaded in van = 800 kg  
 $= 800 \times 1000$   
 $= 800000 \text{ g}$

Number of boxes =  $800000 \div 4500$   
 $= 177 \text{ boxes}$

177  
 $\begin{array}{r} 800000 \\ 4500 \\ \hline 35000 \\ 31500 \\ \hline 35000 \\ 31500 \\ \hline 3500 \end{array}$

Ans. 3

Distance between school and home = 1.875 km

Distance between home and school = 1.875 km

Total distance covered in 1 day =  $1.875 + 1.875 = 3.750$  km

Distance covered in 6 days =  $3.750 \times 6$   
= 22.500 km

Homework:

Do these questions in fair notebook.

Saty

10/04/2020