



**Class – 5**

**Chapter – 9**

***Percentage***

**Lecture sheet – 2**

**Solution**

**1.** Given,

Total students = 80 persons

Percentage of student present on Sunday = 30 %

Number of students present on Sunday = 30 % of 80

$$= \frac{30}{100} \times 80$$

$$= \left( \frac{30 \times 80}{100} \right)$$

$$= 24 \text{ students.}$$

**Ans:** 24 students.

**2. a)** Given,

Hosain's monthly income = 2500 tk

For food, he spends per month = 1750 tk

$$\text{He spends against income per month} = \frac{1750}{2500}$$

$$= \frac{1750 \times 100}{2500 \times 100}$$

$$= \frac{70}{100}$$

$$= 70 \%$$

Again, Shamim's monthly income = 1800 tk

For food, he spends per month = 1440 tk

$$\begin{aligned}\text{He spends against income per month} &= \frac{1440}{1800} \\ &= \frac{1440 \times 100}{1800 \times 100} \\ &= \frac{80}{100} \\ &= 80\%\end{aligned}$$

**Ans:** Hosain spends 70% and shamim spends 80%

**b)** From 'a' we get, Hosain spends 70 % =  $\frac{70}{100}$

and shamim spends 80 % =  $\frac{80}{100}$

Now, since  $80 > 70$ ,  $\frac{80}{100} > \frac{70}{100}$

So, Shamim Spends more amount of money than Hosain for the food.

**Ans:** Shamim.