

## BHARATH COACHING CENTRE

6<sup>th</sup> cbse

Maths

Total: 40

Fractions

Time: 45 mins

### SECTION-A

$$1 \times 6 = 6$$

1. A fraction is said to be in the ..... form if its numerator and denominator have no common factor except 1.
2. A fraction with numerator greater than the denominator is called.....
3. What fraction of an hour is 35 minutes?
4. A.....is a number representing part of a whole.
5. How many fifths are there in  $3\frac{1}{5} + 4\frac{3}{5}$ ?
6. What is the simplified form of the product  $\frac{12}{24} \wedge \frac{36}{72}$ ?

### SECTION-B

$$5 \times 2 = 10$$

1. If Radhika sleeps for 6 hours in a day, what fraction of a day she spends sleeping?
2. Meena bought  $2\frac{1}{4}$  kg of vegetables and Seetha bought  $3\frac{1}{2}$  kg of vegetables. Find the weight of vegetables bought by both of them.
3. A farmer decided to divide  $\frac{4}{5}$  of his land among his 4 sons. What share of land did each get?

4. The teacher taught  $\frac{3}{5}$  of a book. Vivek revised  $\frac{1}{5}$  more on his own.

How much does he still have to revise?

5. If in a day of 24 hours. We should sleep for  $\frac{2}{8}$ <sup>th</sup> of the day. Then how man hours should we sleep in a day?

### SECTION-C

$$3 \times 4 = 12$$

1. Sita have a chocolate and it is to be stared by him and sister. He gives half the chocolate to his sister. What fraction of chocolate is left with him?
2. Mira school is  $\frac{8}{10}$  km away from her house. Daily she walks a distance and then takes a bus to travel  $\frac{1}{2}$  km to reach the school. How far does she walk? Why does she walk for some distance daily?
3. Ram exercised  $\frac{5}{6}$ <sup>th</sup> of an hour. Shyam exercised  $\frac{4}{5}$ <sup>th</sup> of an hour. Who exercised longer and by what fraction?
4. A small tank is  $\frac{2}{5}$  full of water. The water is then poured into a large empty tank which has a capacity that is twice that of the small tank. What fraction of the large tank is filled with water?

### SECTION-D

$$4 \times 3 = 12$$

1. In a class of 30 students,  $\frac{1}{2}$  of the total number of students like to play basketball,  $\frac{1}{5}$  of the total number like to play cricket and the remaining students like to play football. How many students like to play basketball? How many students like to play football?

2. Mr. Johnson divided his field plot into 16 equal parts and divided them among his family members. He gave  $\frac{10}{16}$ th part to his wife,  $\frac{3}{16}$ th part to his son.  $\frac{2}{16}$ th part to his daughter and kept  $\frac{1}{16}$ th for himself who got the highest share and by how much?
3. Look at the price list and answer the questions:

Item	Price in Rs. (Per kg)
Apple	76
Onion	40
Potato	30
Mango	72
Cauliflower	64

Which costs more  $\frac{1}{2}$  kg apples  $\frac{1}{2}$  kg potatoes or  $\frac{1}{2}$  kg cauliflower?