



# Fr. Agnel School

Waliv, Vasai (E)

**First Semester Exam**

**Sub : Maths**

**Std. : 6<sup>th</sup>**

**Total Marks : 50**

**Date: 20-10-2021**

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**Q.I. MCQ. Tick the correct option.**

**15**

1. Convert into improper fraction and tick mark the correct answer.

$$3\frac{2}{5}$$

- a.  $\frac{71}{5}$       b.  $\frac{17}{5}$       c.  $\frac{16}{5}$

2. Tick mark the correct answer.  $\frac{2}{5} = 2 \times \frac{2 \times 2}{5 \times 2} = \frac{4}{10} =$

- a. 0.4      b. 0.2      c. 4

3. Convert into mixed numbers and tick the correct answer:  $\frac{7}{2}$

- a.  $3\frac{1}{2}$       b.  $2\frac{1}{3}$       c.  $1\frac{3}{2}$

4. Tick mark the reciprocal:  $\frac{6}{7}$

- a.  $\frac{5}{6}$       b.  $\frac{6}{5}$       c.  $\frac{7}{6}$

5. Convert the decimal fractions into common fractions. Tick the correct answer. 26.4

- a.  $\frac{264}{1}$       b.  $\frac{264}{10}$       c.  $\frac{264}{100}$

6. Check whether the given number below is divisible by 3? Tick whether 'Yes' or 'No'. 453

- a. Yes      b. No

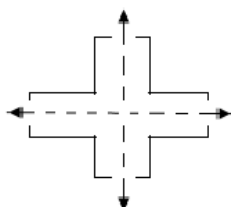
7. Check whether the number given below is divisible by 4? Tick whether 'Yes' or 'No'. 7315

- a. Yes      b. No

8. Check whether the number given below is divisible by 9? Tick whether 'Yes' or 'No'. 999

- a. Yes      b. No

9. Tick mark whether 'Right' or 'Wrong'.



- a. Right      b. Wrong

10. Tick mark the reciprocal: 4

a.  $\frac{1}{3}$                   b.  $\frac{1}{5}$                   c.  $\frac{1}{4}$

11. Tick mark the correct answer:  $\frac{2}{4} \times \frac{3}{1}$

a.  $\frac{4}{6}$                   b.  $\frac{6}{4}$                   c.  $\frac{3}{4}$

12. Convert into improper fractions. Tick mark the correct answer:  $4\frac{6}{2}$

a.  $\frac{14}{2}$                   b.  $\frac{16}{2}$                   c.  $\frac{15}{2}$

13. Full form of HCF:

- a. Highest Convertible factor
- b. Highest Correct factor
- c. Highest Common factor

14. Full form of LCM:

- a. Least Convertible Multiple
- b. Least Common Multiple
- c. Least Correct Multiple

15. Convert into mixed numbers and tick mark the correct answer.  $\frac{31}{5}$

a.  $1\frac{5}{6}$                   b.  $6\frac{1}{5}$                   c.  $5\frac{1}{6}$

**Q.II. Read the questions and solve the sums given below: 16**

**A. Add the following: 4**

1.  $5\frac{1}{3} + 2\frac{1}{3}$                   2.  $5\frac{1}{2} + 2\frac{3}{4}$

3.  $27.5 + 11.5$                   4.  $905.5 + 24.2$

**B. Subtract the following. 4**

1.  $3\frac{2}{5} - 2\frac{1}{7}$                   2.  $4\frac{1}{4} - 2\frac{1}{2}$

3.  $85.96 - 25.12$                   4.  $125.6 - 2.6$

**C. Multiply the following: 4**

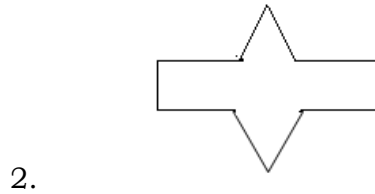
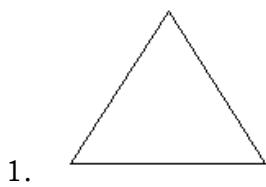
1.  $\frac{6}{7} \times \frac{2}{5}$                   2.  $\frac{7}{4} \times \frac{1}{5}$

3.  $2.17 \times 25$                   4.  $5.6 \times 7$

**D. Divide the following. 4**

1.  $\frac{2}{3} \div \frac{1}{4}$                   2.  $\frac{11}{12} \div \frac{4}{7}$                   3.  $6.2 \div 2$

**Q.III. Draw the axis of symmetry of the figures given below. 2**



**Q.IV. Read the questions and solve the following.** 6

**A. Find the LCM of the following;** 2

1. 6 , 9

**B. Write all the factors of the given numbers and list their common factors.** 2

1. 25 , 30

**C. Find out the HCF of the following.** 2

1. 12 , 18

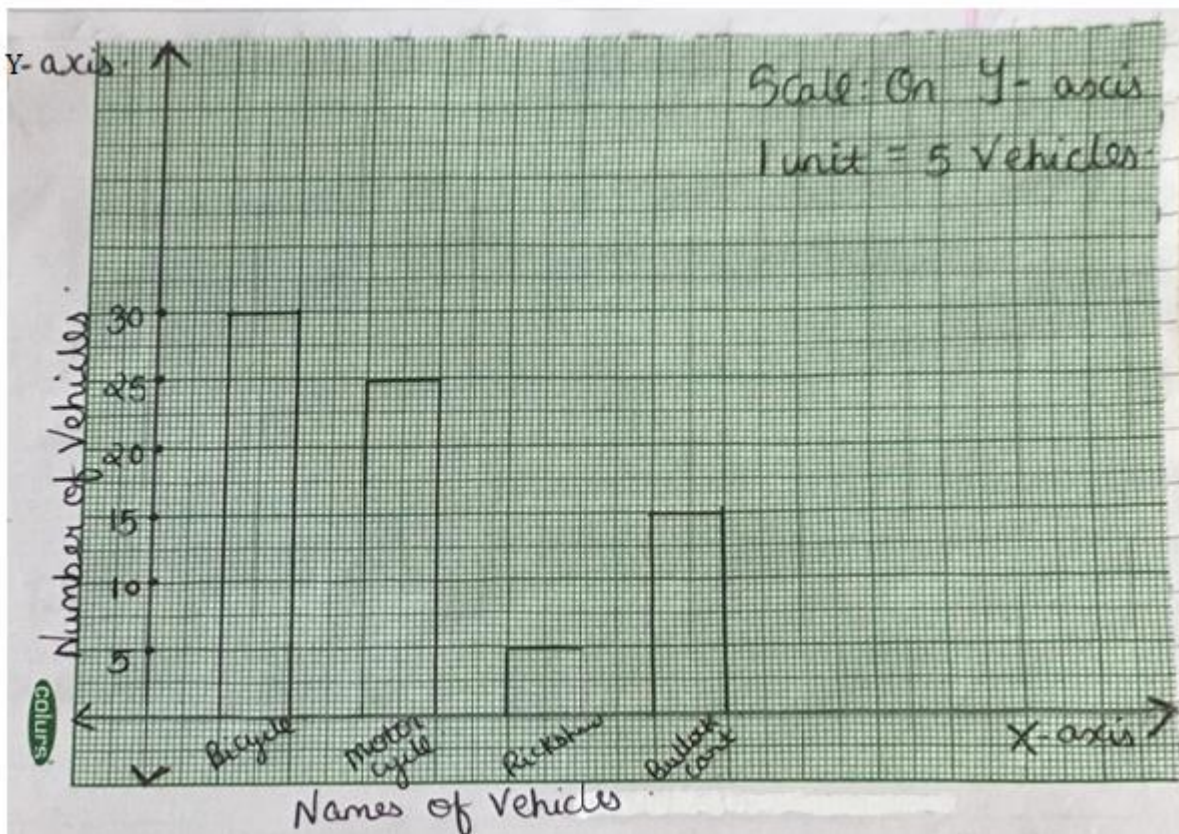
**Q.V.A. Convert into improper fractions.** 2

1.  $2\frac{8}{5}$                       2.  $3\frac{1}{6}$

**B. Convert into mixed numbers.** 2

1.  $\frac{29}{7}$

**Q.VI. Look at the bar graph given below and answer the following questions.** 3



QUESTIONS:

1. What data is shown on the vertical and horizontal lines?
2. Which vehicle is highest in number?
3. Which vehicle is lowest in number?

**Q.VII. Information about plants in a nursery is given below. Show it in a bar graph.**

**4**

Name of plants	Jai	Sunflower	Roses	Mogra
Number of plants	50	60	40	30