

# BHARATH COACHING CENTRE

7<sup>th</sup> CBSE

Maths

Total : 40

Decimals

Time: 2.00 hrs

## Section A

1 X 8 = 8

1. Identify the proper fraction  $\frac{7}{6}, \frac{2}{5}, \frac{24}{13}, \frac{5}{4}$ .
2. Which is larger,  $\frac{3}{4}$  or  $\frac{5}{12}$ .
3. Odd one out:  $\frac{5}{9}, \frac{2}{7}, \frac{9}{7}, \frac{9}{11}$ .
4. Pick the odd man out:  $\frac{2}{9}, \frac{4}{9}, \frac{9}{11}, \frac{5}{9}, \frac{7}{9}$ .
5. Find  $\frac{3}{7} + \frac{9}{7}$ .
6. Find  $\frac{1}{2}$  of  $\frac{2}{5}$ .
7. Find  $\frac{5}{2} \times 4$ .
8. Find  $\frac{5}{9} - \frac{8}{9}$ .

## Section B

2 X 6 = 12

9. Arrange in ascending order:  $\frac{1}{5}, \frac{3}{7}, \frac{7}{10}, \frac{13}{28}$ .
10. Simplify  $\frac{15}{16} - \frac{11}{12}$ .
11. Simplify  $4 + \frac{7}{8}$ .
12. Multiply  $2\frac{1}{3}$  by  $\frac{2}{5}$ .
13. Simplify  $2 - \frac{3}{5}$ .
14. Multiply  $5\frac{3}{4}$  by  $2\frac{3}{7}$ .

## Section C

3 X 4 = 12

15. Simplify  $4\frac{5}{6} - 2\frac{3}{8} + 3\frac{7}{12}$ .
16. Find  $\frac{2}{5}$  of  $\frac{5}{6} \times \frac{36}{7}$ .

17. Anu purchased  $3\frac{1}{2}$  kg apple and  $4\frac{3}{4}$  kg oranges. What is the total weight of fruits purchased?
18. A carton contains 40 boxes of nails and each box weigh  $3\frac{3}{4}$  kg. How much would a carton of nails weigh?

Section D

$$4 \times 2 = 8$$

19. Arun finished a work in  $7\frac{1}{12}$  hrs. Varun finished the same work in  $\frac{3}{4}$  hr. Who worked longer? By what fraction was longer?
20. Find the area of a square field if its each side is  $10\frac{3}{4}$  m long.