

BHARATH COACHING CENTRE

7th 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 $\frac{7}{12}$ 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.

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