

I. Choose the correct option and write the answers :-**[1x10=10]**

1. The smallest composite number is _____.
a) 2 b) 4 c) 6
2. Every number is a factor of _____.
a) 1 b) 0 c) none .
3. $34 \times 1000 =$ _____.
a) 34000 b) 30400 c) 4300
4. The H.C.F. of 5 and 6 is _____.
a) 5 b) 16 c) 1
5. $\frac{45}{70}$ _____ $\frac{45}{85}$
a) < b) > c) =
6. **$978453 \div 1000$.**
a) Quotient = 453 b) quotient = 978 c) quotient = 9784
7. $\frac{11}{15} = \frac{44}{\quad}$
a) 55 b) 60 c) 65
8. _____ is the reciprocal fraction of $\frac{3}{7}$
a) $\frac{7}{1}$ b) $\frac{7}{3}$ c) $\frac{1}{7}$
9. _____ should be added to 9466 to make it divisible by 11.
a) 7 b) 5 c) 2
10. 9; 147. Is the first number a factor of the second?
a) Yes b) No c) none

II. Do as directed (Show the statements and calculations if required) :-**[2x19=38]**

1. Is 4164 divisible by 6 ? Give reasons.
2. write the quotient and remainder: $3,67,294 \div 583$
3. Find the product: 18523×427
4. Find the H.C.F of 216, 256 and 144 by prime factor method.

5. Find the HCF of 945, 630 and 1080 by division method.
6. $5\frac{2}{7}$ _____ $\frac{33}{8}$ (put the correct sign <, > or =).
7. Reduce $\frac{198}{296}$ to it's lowest terms.
8. Find the L.C.M of 496 and 528 when their H.C. F is 16.
9. Find the L. C.M of 12, 15, 18 and 45 by prime factor method.
10. List the factors of 108.
11. Arrange the following in descending order.
 $\frac{11}{20}, \frac{4}{5}, \frac{15}{40}$.
12. Subtract 4,56,126 from the sum of 9,52,762 and 2,07,468.
13. Find the sum of : $3\frac{1}{5} + 5\frac{5}{6} + 4\frac{2}{5}$
14. Find the difference : $20\frac{7}{8} - 12\frac{2}{5}$
15. Simplify : $7\frac{1}{4} - 2\frac{3}{8} - 10 + 8\frac{1}{2}$
16. Find the product : $\frac{20}{21} \times \frac{7}{15} \times \frac{3}{14}$
17. Divide : $4\frac{2}{3} \div 1\frac{1}{2} \div 2\frac{5}{6}$
18. Find the H.C.F of 112 and 104 by listing method.
19. Find the L. C. M of 24, 36, 40 and 60 by common division method.

III. Word Problems(do any 4). Write the statements and show the calculations :- [3x4=12]

1. The distance between two places is $100\frac{1}{4}$ km . Anshu travelled first $35\frac{2}{3}$ km by car and the remaining distance by train. Find the distance Anshu travelled by train.
2. Sheetal distributes toffees to her friends on her birthday. If she gives 5, 10 or 12 to each, she is left with no toffees. What is the least number of toffees she should buy?
3. A factory produces 12, 850 toys in a day.How many toys will be produced in 460 days ?
4. Find the greatest 4-digit number which is exactly divisible by 20, 35, 40.
5. Last year 60,78,983 people visited a museum. However, this year 4,35,789 less people visited it. How many people visited the museum this year?

*****ALL THE BEST*****