

Maths Revision Test 2

Section - A

Max Marks: 50 Marks

I.] Do as Directed

[10 Marks]

- 1.) Write the common factors of 28 and 126
- 2.) Reduce $\frac{90}{144}$
- 3.) Check if they are equivalent $\frac{21}{59}$ $\frac{3}{7}$
- 4.) Write next four equivalent fractions $\frac{8}{15} = \frac{16}{30} =$
- 5.) Give two examples for each of
 - (a.) Improper fractions -
 - (b.) Mixed fractions -
- 6.) Prime numbers between 11 and 20.
- 7.) Write the odd factors are there for the number 144?
- 8.) (a.) Are 11 and 13 composite numbers?
(b.) Express 2520 in Index form.

Section - B

II.] Solve

[$5 \times 4 = 20$]

- 1.) HCF of 108, 144, 60 by Division method only.
- 2.) The HCF and LCM of two numbers is 6 and 864 respectively if one number is 96, find the other number?

- 3.) Show the Working clearly to check if
- 14569 is divisible by 8
 - 341244 is divisible by 4
 - 234234 is divisible by 12
 - 5345345 is divisible by 15
- 4.) Find the LCM of 96, 128, 144
- 5.) What should be added to 3,56,435 to get 5,38,595?

III.] Word Problems

[4 x 5 = 20]

- Find the greatest number which divides 149 and 101 leaving a remainder of 5.
- Sohan drinks 8 glasses of water every day.
 - How many glasses will he drink in one month?
 - How many glasses will he drink in one year?
 - If 125 people living in a colony drink 8 glasses of water in a day, how much water will they drink in a year?
- 576 books are to be packed in boxes. If one box has 24 books, how many boxes are needed?
- The cost of a sofa set is \$9372. How much will 124 such sofa sets cost?