

	Year 2011	Year 2012	Year 2013
1. Five Digit Numbers	2	2	2
2. Place Values	3	3	3
3. Ascending and Descending Order	2	2	1
4. Roman Numerals	0	0	0
5. Even/Odd Numbers, Prime/Composite Numbers	2	2	2
6. Addition and Subtraction	4	3	3
7. Multiplication	1	1	1
8. Division	2	1	2
9. Divisibility/Factors	1	2	1
10. Mixed Mathematical Operations	2	3	3
11. Unitary Method	0	0	0
12. Rupees/Paise	2	2	2
13. Hours/Minutes	1	2	2
14. Length/Mass/Capacity	2	2	2
15. Calendar	0	1	1
16. Fractions	4	3	3
17. Fractions: Addition/Subtraction	1	0	1
18. Decimal Fraction	0	0	0
19. Geometry	6	6	6
<b>Total :</b>	35	35	35

- **Five digit numbers (Number reading)**
  - Reading numbers in the form of Devnagari digits.
  - Number is words given - writing in numerical form.
  - Number in numerical form given - writing in word form.
- **Place Values**
  - Expanded form (addition of place values of digits).
  - Multiplication (in the form  $3H \times 2T$ )
  - Difference between place values of given digits.
- **Ascending and Descending Order**
  - Making smallest/greatest number from given digits (up to 5 digits).
  - Arranging given numbers (up to 6 digits) in ascending/descending order.
  - Identifying a number between given two numbers.
- **Even/Odd Numbers, Prime/Composite Numbers**
  - Number of 2-digit number having given digit.
  - $n^{\text{th}}$  odd/even number from given number.
  - Prime numbers in 1 to 100.
  - Greatest/smallest 2- digit/1- digit odd/even number
- **Addition and Subtraction**
  - Adding/subtracting two 4-digit numbers.
  - Addition/subtraction (two operations) on three 4-digit numbers.
  - Word problem on addition/subtraction.
- **Multiplication**
  - Multiplication is repeated addition.
  - Multiplying by 10, 100 etc.

- 3-digit number multiplied by 2-digit number.
- **Division**
  - Division by 1-digit number (dividend can be up to 5-digits).
  - Relation between dividend, divisor, quotient and remainder.
  - Word problem.
- **Divisibility/Factors**
  - Number of factors for a given number.
  - Is the given number be divisible by 2, 3, 4, 5 etc (divisibility tests).
  - Multiples of given number.
- **Mixed Mathematical Operations**
  - Two consecutive mathematical operations (word problem).
  - Order of operations.
  - Identifying operators in given equation.
- **Rupees/Paise**
  - How many notes/coins in given amount?
  - Monthly bills.
  - Bills of purchasing items (with rates per unit given).
  - Special focus on quarter/half/three quarters etc.
- **Hours/Minutes**
  - Minutes  $\leftarrow \rightarrow$  Hours/Minutes.
  - Measuring time between two clock-readings.
- **Length/Mass/Capacity**
  - m  $\leftarrow \rightarrow$  m, cm, Kg  $\leftarrow \rightarrow$  Kg, gm., liter  $\leftarrow \rightarrow$  ml.
  - Milli, centi, deci, meter, deca, hector, kilo.
  - Word problems on length/mass/capacity.
- **Calendar**
  - Day on the given date (within a year).
  - Years  $\leftarrow \rightarrow$  Months, years.
- **Fractions**
  - Comparing fractions (having same numerators/denominators/continued proportions).
  - Arranging fractions in ascending/descending order.
  - Reading fractions (from word names/graphical representations).
  - Mixed fractions  $\leftarrow \rightarrow$  Improper fractions.
  - Addition/subtraction of fractions (having same denominators).
- **Geometry**
  - Pictograph.
  - Perimeter of triangle/rectangle/square.
  - Word problem on perimeter.
  - Basic entities in circle.
  - Counting squares/triangles/semicircles in given diagram.
  - Symmetry.
  - Sides/faces/vertices of 3-D figure (parallelepiped/cube/tetrahedron/prism etc.)
  - Basic definitions of point/segment/ray/line/angle/triangle/quadrilateral/circle.