<u>WORKSHEET – I</u>

1. Fill in the boxes with correct digits?

   (a)   8   6   7   5   (b)   8   7   ☐   7   ☐

    - ☐   ☐   4   9   - ☐   ☐   6   2   5

    _____   _____

       4   8   ☐   ☐   7   3   9   ☐   1

2. Write all prime numbers between 1 and 100?

3. The digits 9 and 3 of the number 49635 are interchanged. Find the difference between original number and new numbers so formed?

4. Observe the patterns and write 3 more steps:

  (a) $118 + 9$ $= 118 + 10$ $- 1$ $= 128 - 1$ $= 127$
      $118 + 99$ $= 118 + 100$ $- 1$ $= 228 - 1$ $= 227$
      $118 + 999$ $= 118 + 1000 - 1$ $= 1118 - 1$ $= 1117$

     ___   ___   ___   ____
     ___   ___   ___   ____
     ___   ___   ___   ____

  (b $111118 - 9$ $= 111118 - 10$ $+ 1$ $= 111108 - 1$ $= 111107$
      $111118 - 99$ $= 111118 - 100$ $+ 1$ $= 111018 - 1$ $= 111017$

     ___   ___   ___   ____
     ___   ___   ___   ____
     ___   ___   ___   ____

  (c) 84×9 $= 84 \times (10 - 1)$ $= 84 \times 10 - 84$ $= 840 - 84$ $= 756$
      84×99 $= 84 \times (100 - 1)$ $= 84 \times 100 - 84$ $= 8400 - 84$ $= 8316$

     ___   ___   ___   ____   ____
     ___   ___   ___   ____   ____
     ___   ___   ___   ____   ____

5. Divide the following and check by division algorithm whether your answer is correct (*Division Alogrithm: Dividend = Divisor x Quotient + Remainder*)

  (a) $550620 \div 532$ (b) $612846 \div 582$

  (c) $607920 \div 816$ (d) $1245616 \div 2032$

6. Complete the number puzzle

   ACROSS

   (a) Seventy two lakh four thousand five hundred sixty one

   (d) Predecessor of 9741

   (e) Successor of 123456

   (g) CCLXVI + CXIX

   (i) Smallest 7 – digit number

   DOWN

   (b) CDLXXIV

   (c) 600000 + 7000 + 800 + 70

   (f) Place value of 2 in 32075

   (h) CXVI – LXXV

a			b		c	
		d				
e	f					
				g		
h						
i						

7. A mobile number consists of 10 – digits. The first four digits of the number are 9,9, 8 and 7. The last three digits are 3, 5 and 5. The remaining digits are distinct, make the mobile number greatest possible number. What are these digits?

   | 9 | 9 | 8 | 7 | ☐ | ☐ | ☐ | 3 | 5 | 5 |

8. Rashmi bought 5 kg 600g flour, 2 kg 500g of rice, 3kg 500g sugar, 250g of salt and 200g of tea- leaves. Find the total weight of the items bought by her.

9. If 45kg 450 g of sugar be equally distributed among 15 persons, how much shall each get?

10. What must be added to 8476251 to get the sum as the greatest number of 7 – digits?

11. Find the product of largest 3 – digit number and the sum of 4325 and 1015?

12. Write the common factors of
   (a) 20, 28, 32   (b) 75, 60, 210

13. Find the H.C.F. of
   (a) 18, 54, 81   (b) 70, 105, 175

14. **MULTIPLE CHOICE QUESTIONS**

1. The difference between 795 and the nuber obtained by reversing the digits is
   (a) 198   (b) 189   (c) 397   (d) 298

2. The smallest prime number is
   (a) 1   (b) 0   (c) 2   (d) 3

3. Which of the following has a definite length
   (a) line segment   (b) ray   (c) line   (d) none

4. Sum of angles of a triangle is
   (a) 90°   (b) 180°   (c) 120°   (d) 360°

5. A solid shape having no vertex and no edge is
   (a) cone   (b) cylinder   (c) sphere   (d) cuboid

6. At 5 o' clock hands of the clock make an angle of
   (a) 150°   (b) 120°   (c) 360°   (d) none

7. XC can be written in Hindu – Arabic numerals as
   (a) 99   (b) 90   (c) 59   (d) 60

8. How many thousands make a million
   (a) 10   (b) 100   (c) 1000   (d) none

9. One quintal is equal to
   (a) 10 kg   (b) 100 kg   (c) 1000 kg   (d) 10,000 kg

10. Which digit of the number 80349 has the greatest place value
   (a) 9   (b) 8   (c) 0   (d) 3

ೞ **BEST OF LUCK** ೲ