1. Ten lampposts are equally spaced along a straight line. The distance between two consecutive lampposts is 40 m. What is the distance between the first and the last lampposts?
    (a) 360 m
    (b) 380 m
    (c) 400 m
    (d) 420 m
    (e) None of the above

_____

2. Find the next term of the following sequence: 1, 1, 2, 3, 5, …
    (a) 6
    (b) 7
    (c) 8
    (d) 9
    (e) 10

_____

3. Jane wrote the word **STUDENTS** thrice. How many times did she write the letter S?
    (a) 2
    (b) 4
    (c) 6
    (d) 8
    (e) 10

4.   A shop sells sweets where every 3 sweet wrappers can be exchanged for one more
      sweet. Ali has enough money to buy only 7 sweets. What is the biggest number
      of sweets that he can get from the shop?

      (a) 7

      (b) 8

      (c) 9

      (d) 10

      (e) 11

_____

5.   There are 14 children playing "The eagle catches the chicks." One of them is the
      'eagle' while another child is the 'mother hen' whose job is to protect the 'chicks'.
      The rest of the children are the 'chicks'. After a while, the 'eagle' has caught 5
      'chicks'. How many 'chicks' are still running around?

      (a) 6

      (b) 7

      (c) 8

      (d) 9

      (e) 10

_____

6.   Find the number A such that the following statement is true:

$$7 \times A = 3 \times 8 + 4 \times 8.$$

      (a) 3

      (b) 4

      (c) 5

      (d) 7

      (e) 8

7.   Two $1 coins and ten 50¢ coins are randomly distributed among 4 children such that each child receives the same number of coins. What is the difference between the biggest amount and the smallest amount a child can receive?

(a)   50¢

(b) $1

(c) $1.50

(d) $2

(e)   None of the above

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8.   Tim is 8 years old and Sally is 4 years old. How old will Sally be when Tim is 14 years old?

(a)   7

(b)   8

(c)   9

(d)   10

(e)   None of the above

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9.   In the following alphametic, all the different letters stand for different digits. Find P and I.

```
            I
            I
   +        I
   _____

          P I
   _____
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10.   A box contains 4 balls of different colours (red, green, yellow and blue) lying in a row. The green ball is not the second ball. The red ball is neither the first nor the last ball. The yellow ball is neither next to the red ball nor next to the blue ball. What is the order of the balls in the box?

End of Paper

	Solutions
1.	360 (a)
2.	8 (c)
3.	6 (c)
4.	10 (d)
5.	7 (b)
6.	8 (e)
7.	$1 (b)
8.	10 (d)
9.	P = 1, I = 5
10.	Blue, Red, Green and Yellow