ESSENCE TEST-4

DATE : 01-09-19

6TH CLASS

Mathematics

REFLECTION OF LIGHT

Mantra to get the best outcome......

Best · solution

IIT-JEE/ NEET/ KVPY/ OLYMPIAD

MARKS : 30   **MATHEMATICS**   **TIME : 2 HR.**

1. Write first five multiples of -   [5]

    (a) 5   (b) 8   (c) 9   (d) 2   (e) 6

2. Match the following -   [4]

    Column A   Column B

    (i)   35   (a) Multiple of 8

    (ii) 15   (b) Multiple of 7

    (iii) 16   (c) Multiple of 70

    (iv) 350   (d) Factor of 30

3. Write all the factors of the following .   [5]

    (a) 5   (b) 18   (c) 15   (d) 24   (e)20

4. Which of the following numbers are prime numbers   [5]

    (a) 23, 51, 37, 26   (b) 2, 3, 4, 5, 6

    (c) 13, 14, 11, 21   (d) 17, 11, 13, 18   (e) 10, 19, 7, 9

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5. Using divisibility test, determine which of the following numbers are divisible by 2, by 3, by 4 and by 5. [10]

Number	Divisible by			
	2	3	4	5
128	Yes	No	Yes	No
990	-	-	-	-
275	-	-	-	-
1586	-	-	-	-
2856	-	-	-	-
3060	-	-	-	-

6. Find the HC.F. of the following numbers- [6]

   (a) 18, 48   (b) 30, 42   (c) 12, 45, 75

7. Find the L.C.M. of the following numbers- [5]

   (a) 12, 18, 20   (b) 32, 44, 48.