

GENIUS HIGH SCHOOL :: BHUVANAGIRI
PERIODIC TEST - II

Subject: Mathematics
Class: VI

Marks: 40
Time: 1 ½ Hrs

SECTION - I

5 X 1 = 5M

I. Match the items in column-1 with the items column -2.

Column-1

1. 16
2. 25
3. 97
4. $9+(-6)$
5. Greatest negative integer

Column-2

- (a) Divisible by 5
- (b) -3
- (c) prime number
- (d) -1
- (e) multiple of 8
- (f) 3

SECTION-II

10 X 2 = 20

1. Represent the following numbers on a number line:

(a) +5 (b) +5

2. Write all the Integers between -9 and +2.

3. Find $(-15)-(-18)$.

4. Write all the factors of 36.

5. Write first 5 multiples of 8 and 9.

6. Using divisibility tests, Determine which of the following Numbers is divisible by 4

(A) 572 (b) 12159.

7. Find the common factors of 35 and 50.

8. Find the HCF of 36, 24.

9. Find the HCF of 32, 48.

10. Find the GCD of 45, 54.

SECTION-III

5 X 3 = 15

11. Draw factor tree of 40 and 60.

12. Which of the following Numbers are co-primes.

(A) 15 and 37 (b) 81 and 16

13. Find the HCF of following Numbers.

(a) 20, 10 (b) 24, 48

14. Using divisibility tests, determine which of the following numbers are divisible by 6

(a) 61233 (b) 3684

15. Find the sum of

(a) $(-10)+(+9)$ (b) $(-7)+(-9)+4+16$.

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