

Name- ANIK
ANSHUMAN
Class- 8B
SCHOOL NO.4220

28/9/19

i) 4 .

ii) $\{5, -13\}$.

iii) $\{0, 4, 8, 12\}$.

2i) $\{n : n = 3n + 3; n \in \mathbb{N}\}$.

ii) $\{n : n \text{ is a prime number between } 10 \text{ \& } 20\}$.

iii) $\{n : n = \frac{n}{n+2}, \text{ where } n \text{ is an odd natural number}\}$.

iv) $\{n : n = n^3; n \in \mathbb{N} \text{ and } 2 \leq n \leq 6\}$.

v) $\{n : n \in \mathbb{Z}, -5 \leq n \leq -13\}$.

vi) $\{n : n = 3n, n \in \mathbb{Z}\}$.

4) i) $\{v, h, i, y, e, r, s, a, l\}$.

ii) $\{7, 8, 9, 10, \dots\}$.

iii) $\{0, 1, 2, 3, 4\}$.

6B

i) 5 ii) 4 iii) 6 iv) 3 .

3i) Infinite ii) Finite iii) Infinite iv) Finite