## Pattern \& Sequences

## Worksheet-1

1. Complete the pattern in the given series:

- 1, 3, 5, 7, $\qquad$ , $\qquad$ , $\qquad$
- 2, 5, 8, 11, $\qquad$ , $\qquad$ , $\qquad$
- 11, 21, 31, 41, $\qquad$ , $\qquad$ , $\qquad$
- $31,34,37,40$, $\qquad$ , $\qquad$ , $\qquad$
- 51, 56, 61, 66, $\qquad$ , $\qquad$ , $\qquad$
- 4, 8, 16, 32, $\qquad$ , $\qquad$ , $\qquad$
- 19, 29, 39, 49, $\qquad$ , $\qquad$ $+$
- 7, 12, 17, 22, $\qquad$ , $\qquad$ ,
- 2, 7, 12, 27, $\qquad$ , ,

2. Write the next four terms in each sequence:

- $0,3,6,9$, $\qquad$ , , $\qquad$ , $\qquad$ .
- $4,9,14,19$, $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ .
- $10,15,20,25$, $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ .
- 18, 25, 32, 39, $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ .
- $40,35,30,25$, $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ .
- 70, 60, 50, 40, $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ .
- $2,4,8,16$, $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ .
- $5,10,20,40$, $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ .

3. Complete the following sequence of numbers by spotting the pattern.
(i) $4,7,10$, $\qquad$ , 16, $\qquad$ 22.
(ii) 1 , $\qquad$ , 9, 27, 81
(iii) 10 , $\qquad$ , 30, 40, $\qquad$ , 60,
(iv) $38,35,32$, $\qquad$ , $\qquad$ , 23, 20, $\qquad$ , 14.
