

$$\textcircled{20} \text{ distance travelled for first potato} = 2 \times 5 = 10 \text{ m}$$

$$\text{distance trav. for second potato} = 2(5+3) = 16 \text{ m}$$

$$10, 16, 22, 28, \dots$$

$$a = 10, d = 16 - 10, n = 10 \\ = 6$$

$$S_{10} = \frac{10}{2} [2 \times 10 + 9 \times 6]$$

$$= 5 (20 + 54)$$

$$= 5 \times 74$$

$$= 370$$

$$\therefore \text{distance travelled} = 370 \text{ m}$$