Putting 0=1,2,3,4 - -403+15=3 -4×45=-1 023-92=-4 aq -92 =-4 so the given sequence is in Al with common difference of -4. Q25 0th ferm = 600 + 11 a, = 60 | +11 = 17 92 = 662 + 11 = 23 93 = 683411 = 29

 $\begin{array}{lll}
& \text{ATR} = 9.7, 5 & \text{ATR} = 15, 12, 9 \\
& \text{nth form} = a + (n-1)d & \text{nth form} = a + (n-1)d \\
& = 9 + (n-1) + 2 & = 15 + (n-1) - 3 \\
& = 9 - 2n + 2 & = 45 + 20 = 3 \\
& = 9 \cdot 11 - 2n & = 15 - 3n + 3 \\
& = 12 - 3n \\
& = 13 - 2n = 18 - 11 & = 18 - 12 \\
& = 12 - 3n \\
& = 12$

