# CGJ008

## Big-O Quiz

|  |  |  |  |
| --- | --- | --- | --- |
| **Function** | **f(n)** |  | **O()** |
| A | 2n+1 | 2n | O(n) |
| B | 2n | 2n | O(n) |
| C |  |  | O |
| D |  |  | O |
| E | 1 | 1 | O(1) |
| F |  |  | O(n) |
| G | 2n+2 | 2n | O(n) |
| H | ⌈Log₂ n⌉ + 1 | Log₂ n | O(Log₂ n) |
| I |  | 2n | O(n) |
| J |  |  | O(n ) |
| K |  |  | O() |
| L |  | Log₂ n | O(Log₂ n) |
| M |  |  | O |
| N |  |  | O |
| O |  |  | O |
| P |  |  | O |
| Q |  |  | O |
| R |  |  | O(n) |
| S |  |  | O |
| T |  |  | O |
| U |  |  | O |
| V |  | 2n | O(n) |
| W |  | 2n | O(n) |
| X |  |  | O |
| Y |  |  |  |
| Z |  |  |  |