**Esercizio**: per ciascuna soluzione da **A** a **III** dire quali sono [H+] [OH-], pH, pOH, tipo (acida, neutra o basica). Alle righe dispari (A, C, ecc.) provate senza calcolatrice.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **soluzione** | **[H3O+]** | **[OH-]** | **pH** | **pOH** | **tipo** |
| **A** |  |  | 0 |  |  |
| **B** |  | 2 . 10-14 |  |  |  |
| **C** |  |  |  | 13 |  |
| **D** | 2.5 . 10-2 |  |  |  |  |
| **E** |  | 10-12 |  |  |  |
| **F** |  |  | 2.4 |  |  |
| **G** | 10-3 |  |  |  |  |
| **H** |  | 6.2 . 10-11 |  |  |  |
| **I** |  |  |  | 10 |  |
| **L** |  |  | 4.2 |  |  |
| **M** |  |  | 5 |  |  |
| **N** | 2.0 . 10-6 |  |  |  |  |
| **O** |  | 10-8 |  |  |  |
| **P** |  |  | 6.1 |  |  |
| **Q** |  |  |  |  | neutra |
| **R** | 2.5 . 10-8 |  |  |  |  |
| **S** |  |  | 8 |  |  |
| **T** |  | 2.4 . 10-6 |  |  |  |
| **U** |  |  |  | 5 |  |
| **V** | 1.7 . 10-10 |  |  |  |  |
| **Z** |  | 10-4 |  |  |  |
| **W** |  |  |  | 3.8 |  |
| **Y** | 10-11 |  |  |  |  |
| **J** |  | 2 . 10-3 |  |  |  |
| **K** |  |  | 12 |  |  |
| **X** |  |  | 12.2 |  |  |
| **I** |  |  |  | 1 |  |
| **II** | 2.5 . 10-14 |  |  |  |  |
| **III** |  | 1 |  |  |  |