$$
\begin{aligned}
f(1) &= \{\ 1, & & & & & & & & & & & \} \\
f(2) &= \{\ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, \ldots \} \\
f(3) &= \{\quad 2, 3, 4, \quad 6, \quad 8, \quad 10, \quad \ldots \} \\
f(4) &= \{\ 1, \quad 3, 4, 5, \quad 7, \quad 9, \quad 11, \ldots \} \\
f(5) &= \{\ 1, 2, \quad 4, 5, 6, 7, \quad 9, \quad 11, \ldots \} \\
f(6) &= \{\quad\quad 3, 4, \quad 6, 7, \quad 9, 10, \quad \ldots \} \\
f(7) &= \{\ 1, \quad\quad 5, \quad 7, \quad 9, \quad\quad \ldots \} \\
f(8) &= \{\quad\quad 3, 4, \quad\quad 7, 8, \quad 11, \ldots \} \\
f(9) &= \{\ 1, 2, \quad 5, 6, \quad 9, 10, \quad \ldots \} \\
f(10) &= \{\ 1, 2, \quad 4, 5, 6, \quad 9, 10, 11, \ldots \} \\
f(11) &= \{\ 1, 2, \quad 4, \quad 6, \quad 9, \quad 11, \ldots \} \\
&\ \ \vdots \qquad \vdots \ \vdots \ \vdots \ \vdots \ \vdots \ \vdots \ \vdots \ \vdots \ \vdots \ \vdots \ \ddots
\end{aligned}
$$

$$
T = \{\ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, \ldots \}
$$