$\frac{1}{2}, -\frac{1}{4}, \frac{1}{8}, -\frac{1}{16}, \dots$

(B) $3\sqrt{2}, 4\sqrt{2}, 5\sqrt{2}, 6\sqrt{2}, \dots$

(C)

 $2, 0, -2, -4, \dots$

ln 1, ln 2, ln 3, ln 4, ...

E $-1, -\sqrt{2}, -2, -2\sqrt{2}, \dots$

(F) 1, 1, 1, 1, ...

(D)

 $\boxed{1,\frac{1}{2},\frac{1}{3},\frac{1}{4},...}$

 \oplus -1, 1, -1, 1, ...

① 0.1, 0.01, 0.001, 0.0001, ...

 $3, 2\frac{1}{3}, 1\frac{2}{3}, 1, \dots$

(K) 4, 8, 16, 32, ...

 $\begin{array}{c} \bigcirc \\
\cos\left(\frac{\pi}{4}\right),\cos\left(\frac{2\pi}{4}\right),\cos\left(\frac{3\pi}{4}\right),\cos\left(\frac{4\pi}{4}\right),\dots
\end{array}$

 $1, 1\frac{1}{2}, 1\frac{2}{3}, 1\frac{3}{4}, \dots$

100, 105, 110, 115, ...

③ 3.75, 5.625, 8.4375, 12.65625, ...

(N)