

Moderate

Assistant Engineer (Electrical), Class 2025

Building Department

For what values of k is the following system stable, $y = (k + 3k + 4)\log(x) + \sin(x)$?

A

$k = 1, 4$

B

$k = 2, 3$

C

$k = 5, 4$

D

$k = 4, -1$

Correct

Correct Answer: D

Full Detailed Explanation

Open the live question URL below to read the full explanation, related links and practice flow.

Open live question on website:

<https://sarkariresultout.com/pyq/gu/question/gpsc-ae-electrical-q180-parameter-condition-for-bounded-output/>