

Hard

Assistant Engineer (Electrical), Class 2025

Building Department

The open loop transfer function for a unit feedback system is $G(s) = K/s(sT + 1)$. By what factor the amplitude gain K should be reduced so that the peak overshoot becomes 25%

A

75

B

25

C

20

Correct

D

10

Correct Answer: C

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/hi/question/gpsc-ae-electrical-q212-gain-change-for-specified-overshoot/>