

Hard

Deputy Executive Engineer (Electrician) 2026

Ports Authority of Gujarat / Assistant Engineer (Electrical)

DC-DC

$V_{in} = 10$

$V, L = 100 \text{ H}, f = 50 \text{ kHz}$

$V_o = 25 \text{ V} \quad 25 \text{ W}$

A

1 2

B

2 3

C

1, 2 3

Correct

D

1 3

Correct Answer: C

Full Detailed Explanation

: - 1, 2 3

0 D

Open live question on website:

<https://sarkariresultout.com/pyq/hi/question/duty-ratio-inductor-ripple-and-input-current/>