

Hard

Deputy Executive Engineer (Electrician) 2026

Ports Authority of Gujarat / Assistant Engineer (Electrical)

A single-phase full converter is connected to 230 V, 50 Hz. The load is $R = 10\ \Omega$ with a very large inductance. For $\alpha = 30^\circ$, verify. 1. Average output voltage is approximately

A

1 and 2 only

B

2 and 3 only

C

1, 2 and 3

Correct

D

1 and 3 only

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/average-output-and-input-current/>