

Moderate Assistant Engineer (Electrical), Class-2 2025 Building Department

400V, 50Hz

0.7

A 4756

B 4873

C 4299

D 9055.3 Correct

Correct Answer: D

Full Detailed Explanation

0.7

$$\text{VAR} = S \sin \phi$$

$$Q = P \tan \phi$$

$$\text{kVAR} = \frac{\text{VAR}}{1000}$$

$$\text{kVAR} = \frac{P \tan \phi}{1000}$$