

What are capacitor questions & answers?

All the Capacitors Questions & Answers given below includes solution and link wherever possible to the relevant topic. A capacitor is a device that stores electric charge, will find capacitors in almost all circuit boards. The electrons can't pass through the capacitor because of the insulating material.

How many capacitor MCQs are there for engineering students?

This article lists 100+Capacitors MCQs for engineering students. All the Capacitors Questions &Answers given below includes solution and link wherever possible to the relevant topic. A capacitor is a device that stores electric charge,will find capacitors in almost all circuit boards.

What is the true power of a capacitor?

The true power in a capacitor is zero. Answer: Option A Q 18. A 12 kHz voltage is applied to a 0.33 uF capacitor,and 200 mA of rms current is measured. What is the value of the voltage? Answer: Option A Q 19. The ohm is the unit of capacitance. Answer: Option B Q 20. When the plate area of a capacitor increases,Answer: Option A Q 21.

Which voltage is applied to a pure capacitor?

$C = 0.50 \text{ mF}$ A voltage of $V \sin(4t)$ is applied to a pure capacitor. Which of the following represents the current through the capacitor? Concept: In a purely resistive circuit,voltage and current are in the same phase i.e. angle between current and voltage is 0° .

What is a capacitor in a circuit board?

A capacitor is a device that stores electric charge,will find capacitors in almost all circuit boards. The electrons can't pass through the capacitor because of the insulating material. The charge has the property of an electric field and the electric field is a type of energy.

Which capacitor is preferred for high-frequency circuit?

The capacitor preferred for high-frequency circuit is D. None of the above 17. Which capacitor will be physically smaller for the same ratings ? C. Both will be equal size

A capacitor has capacitance C , charge Q , and potential difference V with nothing between the plates. The capacitor is then disconnected from the battery and a dielectric is

This set of Class 12 Physics Chapter 2 Multiple Choice Questions & Answers (MCQs) focuses on "Capacitors and Capacitance". 1. What is the dimensional formula of capacitance of a capacitor? Now charge=current*time= $[I]$. 2. When "n" capacitors are connected in series the total capacitance (C) of the combination is given by _____

Capacitor Multiple Choice Questions & Answers for competitive exams. These short objective type questions with answers are very important for competitive exams like IIT-JEE, NEET, AIIMS, JIPMER etc. These short solved questions or quizzes are provided by Gkseries.

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Capacitor Multiple Choice Questions and Answers. 11. Three capacitors each of the capacity C are given. The resultant capacity $\frac{2}{3} C$ can be obtained by using them . A. All in series . B. All in parallel . C. Two in parallel and third in the series with this combination . D. Two in series and third in parallel across this combination . View Answer. C. Two in parallel and third in the series ...

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A capacitor and a resistor are connected in series to a sine wave generator. The frequency is set so that the capacitive reactance is equal to the resistance and, thus, an equal amount of ...

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A capacitor and a resistor are connected in series to a sine wave generator. The frequency is set so that the capacitive reactance is equal to the resistance and, thus, an equal amount of voltage appears across each component. If the frequency is increased

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Question 1: Which of the following statements about a capacitor is correct? (a) It stores electrical charge. (b) It

generates electrical charge. (c) It converts electrical charge into energy. (d) It only works with direct current (DC) (a) Ohm (?) (b) Farad ...

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