

Multiple choice questions on battery voltage and current

What are the multiple-choice questions related to electrical batteries?

The below list provides all the multiple-choice questions related to electrical batteries. Answers are available at the bottom of the article. 1. A battery is connected to a resistance causing a current of 0.5 A in the circuit. The current drops to 0.4 A when an additional resistance of 5 Ω is connected in series.

What is a battery MCQ?

Batteries MCQ [Free PDF] - Objective Question Answer for Batteries Quiz - Download Now! The correct answer is option 1 Concept: The output voltage of a battery or cell decreases when a current is drawn from it due to its internal resistance.

What is the equivalent voltage of a battery?

In a series connection, the equivalent voltage of the battery is the sum of all individual cell voltages $V_{eq} = 1.5 + 1.5 + 1.5 = 4.5$ V Also in series connection, the equivalent internal resistance of the battery is the sum of all individual cell internal resistances.

What is the current drawn from a battery if R is equal to 39?

The current drawn from the battery will be 1/2 when R is equal to 39. Internal resistance of primary cell varies all of these answers except inversely with the distance between electrodes. with the nature of electrodes. inversely with the distance between electrodes. inversely with the surface area of electrodes. 40.

What is the output voltage of a 2 volt battery?

The output voltage is (A). 1 V (B). 1.5 V (C). 1.75 V (D). 2 V Ans: (D). 2 V Explanation: When two or more batteries are placed in parallel, the voltage in the circuit is the same as each individual battery. That is five or more 2 volt batteries in parallel will produce a voltage of 2 Volts! 94. A dead storage battery can be revived by (A).

How are storage batteries rated?

Storage batteries are rated according to ----- Theoretically, capacity or rating of a storage battery is given in terms of the total amount of current which flows through the battery, at a given amount of time and is a constant value. However, practically the rating depends upon the rate of discharge and the ambient temperature.

The four bulbs of 40 W each are connected in series with a battery across them, which of the following statement is true? (A) The current through each bulb is same (B) The voltage across each bulb is not same

Cell And Battery Multiple Choice Questions and Answers. 1. The capacity of a battery is expressed in terms of . A. Current rating . B. Voltage rating . C. Ampere hour rating . D. None of the above . View Answer. C.

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Ampere hour rating . Your Comments. Your name: Your Email: Your Comments: 2. The storage battery generally used in electric power station is. A. Nickel ...

Basic Voltage and Current MCQ . It takes 50 J of energy to move a 5 C charge from point a to point b, the potential difference between point a and b is; A. 250 V. B. 10 V. C. 5 V. D. 500 V. Show Answer

In this page you can learn various important battery multiple choice questions answers, cell and battery mcq, short questions and answers on battery, sloved battery objective questions answers etc. which will improve your skill.

Q 1. Battery charging equipment is generally installed (A) In well ventilated location (B) In clean and dry place (C) As near as practical to the battery being charged (D) In location having all above features Answer: Option D Q 2. If a lead-acid cell is discharged below 1.8 V the following will happen. (A) Capacity of cell will reduce (B) Sulphation of plates will occur (C) Internal ...

Battery: Batteries MCQs with Explanatory Answers. battery charging, discharging, backup time, with solar panel and ups & inverter connection and calculation

But beyond its practical applications, the principles guiding the flow of electrons in a circuit are deeply rooted in the world of Physics. For enthusiasts, students, or just the eternally curious, here's a quiz to charge up your knowledge. Brace yourself for an electrifying journey through these 15 multiple-choice questions on Current Electricity!

In this article, we shared the batteries and cells multiple choice questions and answers. The below list provides all the multiple-choice questions related to electrical batteries. Answers are available at the bottom of the article. 1. A battery is connected to a resistance causing a ...

Multiple Choice Questions 1. The amount of charge flowing through a cross-sectional area of a wire per unit of time is called: A. Voltage B. Power C. Resistance D. Work E. Current 2. What is the direction of the conventional current through the light bulb in the circuit presented by the

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Banking, SSC, Railway, UPSC, State PSC.

The four bulbs of 40 W each are connected in series with a battery across them, which of the following statement is true? (A) The current through each bulb is same (B) The voltage across ...

can supply voltages up to 10 V. (B) will have precise and accurate constant voltage when few milliamperes are drawn from it. (C) will continue to have constant voltage irrespective of loading conditions. (D) will have precise and accurate constant voltage when current drawn from it is few microamperes only.

When two or more batteries are placed in parallel, the voltage in the circuit is the same as each individual battery. That is five or more 2 volt batteries in parallel will produce a voltage of 2 Volts!

Cell And Battery Multiple Choice Questions and Answers. 21. Cells are connected in series in order to . A. Increase the voltage rating B. Increase the current rating C. Increase the life of the cells D. None of the above

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