

CIRCUIT MULTIPLE CHOICE QUESTIONS

1994_28. Four identical light bulbs K, L, M, and N are connected in the electrical circuit shown below. In order of decreasing brightness (starting with the brightest), the bulbs are:

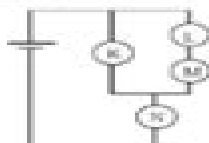
A. $K = L > M > N$

B. $K = L = M > N$

C. $K > L = M > N$

D. $N > K > L = M$

E. $N > K = L = M$



1995_32. Four identical light bulbs K, L, M, and N are connected in the electrical circuit shown above. Bulb K burns out. Which of the following statements is true?

A. All the light bulbs go out.

B. Only bulb N goes out.

C. Bulb N becomes brighter.

D. The brightness of bulb N remains the same.

E. Bulb N becomes dimmer but does not go out.

1996_37. Four identical light bulbs K, L, M, and N are connected in the electrical circuit shown two questions above. Bulb M burns out. Which of the following statements is true?

A. All the light bulbs go out.

B. Only bulb M goes out.

C. Bulb N goes out but at least one other bulb remains lit.

D. The brightness of bulb N remains the same.

E. Bulb N becomes dimmer but does not go out.

1994_36. What is the current through the $6.0\ \Omega$ resistor shown in the accompanying circuit diagram? Assume all batteries have negligible resistance.

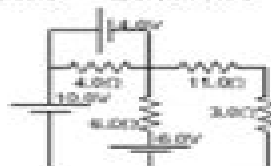
A. 0

B. $0.40\ \text{A}$

C. $0.50\ \text{A}$

D. $1.3\ \text{A}$

E. $1.5\ \text{A}$



1994_37. You are given three $1.0\ \Omega$ resistors. Which of the following equivalent resistances *CANNOT* be produced using all three resistors?

A. $1/3\ \Omega$

B. $2/3\ \Omega$

C. $1.0\ \Omega$

D. $1.5\ \Omega$

E. $3.0\ \Omega$

Multiple Choice Circuit Exam Physics

David V. Guerra

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

Multiple Choice Circuit Exam Physics:

Multiple Choice Questions in Physics , *General Physics Multiple-Choice Questions* Abdulaziz Aljalal ,Ibraheem Nasser ,Khateeb-Ur-Rehman,2011-09-13 This book is a collection of 954 multiple choice questions in waves thermodynamics electricity and magnetism These questions have been given over couple of years to the students of General Physics II course Phys102 at King Fahd University of Petroleum and Minerals They are organized according to the sections of Phys102 textbook Fundamental of Physics by Halliday Resnick and Walker 6th edition This collection might be very helpful for students preparing for exams in Phys102 or similar courses We advise students strongly to study and understand the course material very well before attempting practicing some of these questions Instructors might also find this book a valuable source for questions that can be used in examples or tests The statistics provided with some of the questions might be very valuable in comparing performances

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mechanics and E M Presents a unified approach in a different order meaning that the same laboratories equipment and demonstrations can be used when teaching the course Demonstrates to students that the analysis and concepts they are learning are critical to the understanding of biological systems

Multiple Choice Circuit Exam Physics Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Multiple Choice Circuit Exam Physics**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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