Title: **Series Circuits** Quiz: 4

Course: Electrical Applications Unit: Electrical Theory CLO: 3

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade \_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Objectives**

1. Student shall calculate various electrical quantities for a series circuit based on Ohm’s and Watt’s Laws.

**Assessment**

Students shall demonstrate a comprehension of the objectives listed above by scoring a minimum of 75% on this Quiz. Grading shall be based on an answer key.

**Instructions**

Refer to the schematic below to calculate the following voltage references.



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| --- | --- | --- | --- | --- | --- |
| EA | EB | EC | ED | EE | EF |
|  |  |  |  |  |  |
| EAB | EBC | ECD | EDE | EEF |  |
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| EAC | EAD | EAE | EAF |  |  |
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| EDA | EDB | EDC | EDF |  |  |
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