

Bridge Function Quiz

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Many electronic components—vacuum tubes, transistors, diodes, thermistors, etc.—are often connected in the form of a bridge, which can make a particular circuit more sensitive and efficient. With the bridge balanced, one gets a zero-current-consuming indication of relationships between components in the circuit. To test your knowledge of bridge circuits, match the functions (1-10) to the proper diagrams (A-J).

<p style="text-align: right;">A</p>	<ol style="list-style-type: none"> 1. Amplifier _____ 2. Band-pass filter _____ 3. Band-suppression filter _____ 4. Capacitance measurement _____ 5. Frequency measurement _____ 6. Inductance measurement _____ 7. Modulator _____ 8. Oscillator _____ 9. Rectifier _____ 10. Resistance measurement _____ <p>(Answers on page 114)</p>	<p style="text-align: right;">G</p>	
<p style="text-align: right;">B</p>		<p style="text-align: right;">H</p>	
<p style="text-align: right;">C</p>		<p style="text-align: right;">E</p>	<p style="text-align: right;">I</p>
<p style="text-align: right;">D</p>		<p style="text-align: right;">F</p>	<p style="text-align: right;">J</p>