

Lesson 6C ver 2

6Feb2015

Across

1. Glass is a good electrical _____
4. _____ is the ability to store energy in a magnetic field
6. The symbols on a circuit schematic diagram represent electrical _____
8. One _____ is equal to one thousand volts
9. The power being used in a circuit when the applied voltage is 13.8 volts DC and the current is 10 amperes (3,5)
11. The voltage across a 10-ohm resistor if a current of 2 amperes flows through it (2,5)
14. when measuring high voltages with a voltmeter, ensure that the voltmeter and leads are rated for use at the _____ to be measured
15. _____ is equal to 28,400 kHz? (5,3)
16. A _____ is component 1 in figure T1
17. A _____ changes an alternating current into a varying direct current signal
18. a simple _____ or tuned circuit is an inductor and a capacitor connected in series or parallel to form a filter

Down

1. A variable _____ is component 3 in figure T3
2. About how much voltage does a mobile transceiver usually require (2,5)
3. _____ is another way to specify a radio signal frequency of 1,500,000 hertz (4,3)
5. Attempting to measure _____ when using the resistance setting might (will) damage a multimeter
7. _____ are capable of using a voltage or current signal to control current flow
9. The voltage across a 10-ohm resistor if a current of 1 ampere flows through it (2,5)
10. A _____ is component 2 in figure T1
11. If a frequency readout shows a reading of 2425 MHz, what frequency is that in GHz? (4,3)
12. Voltage and resistance measurements are commonly made using a _____
13. If a frequency readout calibrated in kilohertz was measuring a 3.525 MHz signal, it would show a reading of _____ (4,3)

