T6A08 (B)
What electrical component is used to connect or disconnect electrical circuits?
A. Magnetron
B. Switch
C. Thermistor
D. All of these choices are correct
~~

T6A09 (A)
What electrical component is used to protect other circuit components from current overloads?
A. Fuse
B. Capacitor
C. Inductor
D. All of these choices are correct
~~

T6B01 (D)
What class of electronic components uses a voltage or current signal to control current flow?
A. Capacitors
B. Inductors
C. Resistors
D. Transistors
~~

T6B03 (C)
Which of these components can be used as an electronic switch or amplifier?
A. Oscillator
B. Potentiometer
C. Transistor
D. Voltmeter
~~

T6B04 (B)
Which of the following components can consist of three layers of semiconductor material?
A. Alternator
B. Transistor
C. Triode
D. Pentagrid converter
~~

T6B05 (A)
Which of the following electronic components can amplify signals?
A. Transistor
B. Variable resistor
C. Electrolytic capacitor
D. Multi-cell battery
~~

T6B08 (A)
What does the abbreviation FET stand for?
A. Field Effect Transistor
B. Fast Electron Transistor
C. Free Electron Transmitter
D. Frequency Emission Transmitter
~~
T6B10 (B)
Which of the following could be the primary gain-producing component in an RF power amplifier?
A. Transformer  
B. Transistor  
C. Reactor  
D. Resistor

T6B11 (A)
What is the term that describes a device's ability to amplify a signal?
A. Gain  
B. Forward resistance  
C. Forward voltage drop  
D. On resistance

T6C02 (A)
What is component 1 in figure T1?
A. Resistor  
B. Transistor  
C. Battery  
D. Connector

T6C03 (B)
What is component 2 in figure T1?
A. Resistor  
B. Transistor  
C. Indicator lamp  
D. Connector

T6C04 (C)
What is component 3 in figure T1?
A. Resistor  
B. Transistor  
C. Lamp  
D. Ground symbol

T6C05 (C)
What is component 4 in figure T1?
A. Resistor  
B. Transistor  
C. Battery  
D. Ground symbol

T6C09 (D)
What is component 4 in figure T2?
A. Variable inductor  
B. Double-pole switch  
C. Potentiometer  
D. Transformer

T6C11 (A)
What is component 4 in figure T3?
A. Antenna  
B. Transmitter  
C. Dummy load  
D. Ground
T6D01 (B)
Which of the following devices or circuits changes an alternating current into a varying direct current signal?
A. Transformer  
B. Rectifier  
C. Amplifier  
D. Reflector  

T6D02 (A)
What is a relay?
A. An electrically-controlled switch  
B. A current controlled amplifier  
C. An optical sensor  
D. A pass transistor  

T6D03 (A)
What type of switch is represented by component 3 in figure T2?
A. Single-pole single-throw  
B. Single-pole double-throw  
C. Double-pole single-throw  
D. Double-pole double-throw  

T6D04 (C)
Which of the following displays an electrical quantity as a numeric value?
A. Potentiometer  
B. Transistor  
C. Meter  
D. Relay  

T6D05 (A)
What type of circuit controls the amount of voltage from a power supply?
A. Regulator  
B. Oscillator  
C. Filter  
D. Phase inverter  

T6D06 (B)
What component is commonly used to change 120V AC house current to a lower AC voltage for other uses?
A. Variable capacitor  
B. Transformer  
C. Transistor  
D. Diode  

T6D08 (D)
Which of the following is combined with an inductor to make a tuned circuit?
A. Resistor  
B. Zener diode  
C. Potentiometer  
D. Capacitor  

T6D10 (C)
What is the function of component 2 in Figure T1?
A. Give off light when current flows through it  
B. Supply electrical energy  
C. Control the flow of current  
D. Convert electrical energy into radio waves  

T6D11 (A)
Which of the following is a resonant or tuned circuit?
A. An inductor and a capacitor connected in series or parallel to form a filter
B. A type of voltage regulator
C. A resistor circuit used for reducing standing wave ratio
D. A circuit designed to provide high-fidelity audio

T7D08 (C)
Which of the following types of solder is best for radio and electronic use?
A. Acid-core solder
B. Silver solder
C. Rosin-core solder
D. Aluminum solder

T7D09 (C)
What is the characteristic appearance of a cold solder joint?
A. Dark black spots
B. A bright or shiny surface
C. A grainy or dull surface
D. A greenish tint