

EXAMINER'S PRACTICE QUESTIONS

Answers to the questions are given at the end of the book.

1. A circuit is shown in Figure 1.1. The circuit is powered by a 12 V DC source. The circuit contains a 100 Ω resistor, a 200 Ω resistor, a 300 Ω resistor, a 400 Ω resistor, a 500 Ω resistor, a 600 Ω resistor, a 700 Ω resistor, a 800 Ω resistor, a 900 Ω resistor, and a 1000 Ω resistor. The circuit is connected in a series configuration. Calculate the total resistance of the circuit.

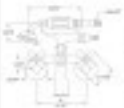


Figure 1.1