

Worksheet: Electricity

Kerala State Board · Class 10 · Science · 4 questions · 10 marks

Name: _____	Date: _____	Score: _____ / 10
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Q1. A bulb of resistance $110\ \Omega$ is connected to 220V supply. Find current. *[1 mark]*

Q2. Find total resistance of $4\ \Omega, 6\ \Omega$ in series. *[1 mark]*

Q3. Find equivalent resistance of $2\ \Omega, 4\ \Omega$ in parallel. *[3 marks]*

Q4. A heater of 1000W operates on 220V for 4 hours daily. Find: (a) resistance, (b) current, (c) monthly energy in kWh, (d) cost at $\text{₹}/\text{unit}$. *[5 marks]*