

Worksheet: Electricity

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

Name: _____

Date: _____

Score: _____ / 10

Q1. A bulb of resistance $110\ \Omega$ connected to 220V supply. Find current. [1 mark]

Q2. Find total resistance of $4\ \Omega, 6\ \Omega, 8\ \Omega$ in series. [1 mark]

Q3. Find equivalent resistance of $2\ \Omega, 4\ \Omega, 6\ \Omega$ 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 ₹/unit. [5 marks]
