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Sub-Electronics Paper-CC-10 Sem-4

Sample Question Papers

( Short answer type Questions)

1. What is systematic error and absolute error ?
2. Explain Wheatstone Bridge method for the measurement of resistance ?
3. Expain the measurement of voltage, frequency and phase by CRO ?
4. How does the temperature is measured with Thermocouple ?
5. Explain the conversion of galvanometer into a) Voltmeter b) Ammeter.

(Long answer Type Questions)

1. Draw Anderson Bridge and expain how does self induction is measured with it ?
2. Give the construction theory of CRT and give its important uses ?
3. Explain the different types of Capacitive Transducer. How does variable area types different than variable Air Gap Type or Variable permittivity Tpye ?
4. Write short notes on any two:
5. Digital multimeter
6. De Sauty’s bridge
7. Function Generator
8. Photo resistors