

Technical Classes

Sub – Electrical & Electronic Measurement (VVI Questions for SBTE Exam)

- 1). What is measurement ? Write it's Significant.
- 2) What is measuring instrument? Classify it.
- 3) What is Torque? Explain different torque produced in instrument.
- 4) What do you mean by Error? Explain all types of Error.
- 5) Define the following terms:-
 - A. Sensitivity
 - B. Accuracy
 - C. Precision
 - D. Static characteristics
- 1)Explain the Working principle Of PMMC instruments.
- 2) What is Galvanometer ? How ammeter or voltmeter is constructed by Galvanometer.
- 3) Multi Range Ammeter/ Voltmeter
- 4) Explain the Moving Iron Instruments and It's Type.
- 5) Write difference between MI and MC(Moving coil) instruments.

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- 1) Explain the dynamometer type instrument .
- 2) Explain the Working principle and operation of Dynamometer type instrument?
- 3) Determination of 3 phase power by 2 wattmeter method .
- 4) What do you mean by Energy meter ? Explain it's construction and working ?
- 5) What is the creeping error in energy meter ?
- 6) What is the suitable way to measure medium value Resistance ? Explain

Or

Explain Wheatstone Bridge

- 7) Explain
 - a) Megger
 - b) Ratiometer
 - c) Ohmmeter
- 8) Explain the Kelvin double bridge method
- 1) Explain construction and working of CRO?
OR
CRT
 - 2) Digital multimeter
 - 3) LCR meter
 - 4) Q meter