

ELECTRICAL MEASUREMENT & MEASURING INSTRUMENTS

EE-302

ASSIGNMENT 1

- Q1. What are the operating principle in electrical instrumentation?
- Q2. What are the operating forces in electrical instrumentation?
- Q3. Define analog & digital instruments?
- Q.4 Define Damping ?
- Q5. What are the types of support ?

ASSIGNMENT 2

- Q1. What do you understand by PMMC ?
- Q2. Define Error?
- Q3. Explain Moving Iron Type Instruments?
- Q4. Explain Electrodynamometer?
- Q5. Define multimeter?

ASSIGNMENT 3

- Q1 What do you understand by instrument Transformer ?
- Q2. Difference between current Transformer& potential transformer ?
- Q3., measurement of Reactive Power single Wattmeter ?
- Q4. Measurement of Power By CT & PT ?
- Q5. define UPF & LPF?

ASSIGNMENT 4

- Q1. Electronic energy meter with construction ?**
- Q2. What do you understand by single phase Electro-dynamometer ?**
- Q3. Describe ohmmeter with construction?**
- Q4. What do you understand by megger ?**
- Q5. Classification of Low Medium & High Resistance ?**

ASSIGNMENT 5

Q1. Define Kelvin's Double Bridge ?

Q2. Wheatstone Bridge ?

Q3. Explain B-H curve of Magnetic Substance?

Q4 .Lloyd Fischer Square for Measurement of power loss?

Q5. Measurement of power loss in Bridge ?