**Measurements and Instrumentation**

1. Which of the following types of instrument is an integrating instrument?
2. power factor meter
3. energy meter
4. wattmeter
5. frequent meter
* Which of the material is used for the ’swamping’ resistance that is connected in series with the working coil of a voltmeter?
1. Constantan
2. Manganin
3. Eureka
4. Nichrome
* What are used to increase the range of ammeters.
1. Multipliers
2. Shunts
3. Control Springs
4. Potential transformers
* Which voltmeter do you select for measuring 50KV DC?
1. Moving Coil Voltmeter
2. Hot wire voltmeter
3. Electro Dynamo meter
4. Electrostatic Voltmeter
* Which of the following you will prefer to extend the range of an ac voltmeter?
1. Low series resistance
2. high resistance in parallel
3. CT
4. PT
* High AC voltages are usually measured with
1. magnetic voltmeter
2. inductive voltmeter
3. potential transformers with voltmeters
4. current transformers and voltmeters
* Creeping is the phenomena occurs in
1. voltmeter
2. wattmeter
3. energy meter
4. ammeter