

Q61. Moving iron power factor meter are suitable for 3 phase balanced circuits. It consists of

- One control spring
- Two control spring
- Three control spring
- No control spring

Ans. 4

Q62. If the frequency of electrodynamic power factor meter is doubled then its reading will become.....

- Twice of the original reading
- Half of the original reading
- Four times of the original reading
- Remains unaffected

Ans. 4

Q63. A moving iron frequency meter consists of

- Two inductive circuits connected in parallel
- One inductive and one non inductive circuit connected in parallel
- Two non inductive circuits connected in parallel
- One inductive and one non inductive circuit connected in series

Ans. 2

Q64. The electrodynamic frequency meters have

- Linear scale and their readings does not depends on voltage
- Linear scale and their readings depends on voltage
- Non linear scale and their readings does not depends on voltage
- Non linear scale and their readings depends on voltage

Ans. 1

Q65. The earth resistance can be measured by

- Fall of potential method
- Using an earth tester
- Ducter ohmmeter method
- Only (1) and (2)
- All the above

Ans. 4

Q66. Electrical equipments are generally earthed through an electrode to avoid shocks when someone touches the body of the equipment. The earth resistance is effected by

- Depth of electrodes buried in the soil
 - Shape and material of earth electrodes
 - Specific resistance of the soil surrounding the electrode
 - All of these
 - None of these
- Ans. 4

Q67. When a voltmeter – ammeter method is applied for the measurement of resistance, the voltmeter reads a value of 8.28 V and the ammeter reading is 4.14 mA. Then the value of the resistance will be

- 2 k Ω
 - 20 k Ω
 - 200 k Ω
 - 2000 k Ω
- Ans. 3

Q68. In AC bridges, the Wagner earth devices are used to

- Remove all the earth capacitances from the bridge circuit
 - Remove harmonics
 - Reduce error caused by stray electric field
 - All of these
- Ans. 4

Q69. Shielding of the capacitor is done to

- Make the value of capacitor definite
 - Balance the bridge without any problem
 - Both (1) and (2)
 - None of these
- Ans. 3

Q70. The indicating instruments with linear scale is

- PMMC
 - Electrostatic instrument
 - Dynamometer instrument
 - Thermocouple instrument
- Ans. 1