

Q51. The full range of audibility in audio frequency oscillator is

- 0 to 20 Hz
 - 20 Hz to 2 kHz
 - 20 Hz to 20 kHz
 - 20 Hz to 20 MHz
- Ans. 2

Q52. A liquid crystal display requires

- An AC drive
 - A DC drive
 - Both AC and DC drive
 - None of these
- Ans. 1

Q53. The detectors used in optical sensors are

- Photodiodes
 - Phototransistors
 - Laser
 - Only (1) and (2)
 - All the above
- Ans. 4

Q54. Optical sensors used for the displacement measurement works on the principal that

- Intensity of light increases with distance
 - Intensity of light decreases with distance
 - Intensity of light remains constant with distance
 - Intensity of light increases with time
- Ans. 2

Q55. Capacitance sensor can measure very small displacement. It can be formed by varying

- Separation
 - Area
 - Permittivity
 - Either (1) or (2) or (3)
- Ans. 4

Q56. The ionization gauge an instrument used for the measurement of

- Very low pressure
 - Medium pressure
 - High pressure
 - Very high pressure
- Ans. 1

Q57. Dead weight gauge is used for the measurement of pressure of

- About 1000 bar
 - About 2000 bar
 - About 5000 bar
 - About 7000 bar
- Ans. 4

Q58. Bourdon tube is used for the measurement of gauge pressure of

- Gas
 - Liquid fluid
 - Solid
 - Only (1) and (2)
 - All the above
- Ans. 4

Q59. The resistances of potential transformer winding is minimized by using

- Thick conductors and small length of turns
 - Thin conductors and small length of turns
 - Thin conductors and large length of turns
 - Thick conductors and large length of turns
- Ans. 1

Q60. The nominal ratio for a current transformer is given by

- rated primary winding current/rated secondary winding current
 - number of turns in the primary winding/number of turns in the secondary winding
 - number of turns in the secondary winding/number of turns in the primary winding
 - rated secondary winding current/rated primary winding current
- Ans. 1