

Q121. The displacement measuring instruments is / are

- Potentiometer
 - LVDT
 - RVDT
 - All of these
- Ans. 4

Q122. In fibre – optic level sensors, the amount of light loss depends on

- The proportion of cable that is submerged in the liquid
 - Amount of light which is reflected back
 - The proportion of cable that is not in the liquid
 - Amount of light which is not reflected back
- Ans. 1

Q123. Instrument which is capable of discriminating temperature differences of even 0.1 degree Celsius is

- Fibre – optic level sensors
 - Laser method
 - Thermography
 - Vibrating level sensors
- Ans. 3

Q124. Contact devices used for the measurement of level are

- Increases
 - Decreases
 - Remains same
 - None of these
- Ans. 2

Q125. For the measurement of pressure the instruments used can be

- Mechanical
 - Electro – mechanical
 - Electronic
 - All of these
 - None of these
- Ans. 4

Q126. If at one end, the two wires made of different metals are joined together then a voltage will get produced between the two wires due to difference of temp between the two ends of wires. This effect is observed in

Thermocouples
Thermistors
RTD
Ultrasonics
Ans. 1

Q127. Schering bridges are used for the measurement of

Unknown capacitance
Dielectric loss
Power factor
All of these
None of these
Ans. 4

Q128. The AC Bridge which is used for the measurement of frequency is

Schering bridge
Wien bridge
Hay's bridge
Anderson bridge
Ans. 2

Q129. If the reading of the two wattmeters is equal and opposite while measuring power in a 3 phase induction motor then the power factor of the load will be

Unity
Zero
0.5 lagging
0.5 leading
Ans. 2

Q130. The transformer ratio of the transformer depends upon the

Exciting current
Secondary current
Power factor of secondary circuit
All of these
Ans. 4

Q131. Primary current in a current transformer is determined by

The load on the system
The load on its own secondary
The load on its own primary
All of these

Ans. 1

Q132. The bridge suitable for the measurement of capacitance is / are

Anderson's bridge

Hay's bridge

Owen's bridge

None of these

Ans. 4

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