

Mechanical Measurements MCQ Questions and Answers Pdf

1. The display of a digital numerical read out instrument is achieved by

- a. light emitting diodes
- b., light dependent resistors
- c. phototube
- d. ionization of gases

Ans C

2. An electrometer is used for the measurement of

- a. voltages
- b. currents
- c. both a and b
- d. none of these

Ans: C

3. Transistors have

- a. low and positive temperature coefficient
- b. low and negative temperature coefficient
- c. high and negative temperature coefficient
- d. zero temperature coefficient

Ans: C

4. The flow in open channel can be measured by

- a. Pitot tube
- b. Rotameter
- c. Turbine meter
- d. Venturimeter

Ans; A

5. Which of the following is not a source of power?

- a. solar cell
- b. photoelectric cell
- c. photo voltaic cell
- d, thermocouple

Ans: D

6. The material used in the construction of a thermistor is

- a. nickel oxide
- b. lion oxide
- c. nickel
- d. none of the above

Ans: A

7. LVDT converts

- a. linear displacement into electrical signal
- b. pressure into electrical output
- c. strain into electrical output
- d. none of the above

Ans: A

8. Venturi tubes are generally made of

- a. stainless steel
- b. aluminium
- c. cast iron
- d. phosphor bronze

Ans: D

9. Photo conductive cells are used for

- a. detecting ships and aircrafts by radiation
- b. photometry and calorimetry
- c. on and off circuits
- d. none of the above

Ans: A

10. A ring balance gauge is used to measure

- a. temperature
- b. differential pressure
- c. Gauge pressure
- d. vacuum pressure

Ans: B

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