

- Q.4 A measuring system consists of
- a) Variable conversion elements
 - b) Sensors
 - c) Signal processing elements
 - d) All of the above
- Q.5 In a measurement system, the I/P first touches the _____ block.
- a) Variable conversion elements
 - b) Primary sensing element
 - c) Data transmission element
 - d) Data representation elements
- Q.6 Which of the following instruments is used to measure length.
- a) Scale
 - b) Clinometers
 - c) Protector
 - d) Router

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Expand LED.
- Q.8 Define Measurement system.

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- Q.9 Define light suppression.
- Q.10 What is Resistance?
- Q.11 What is Thyristor?
- Q.12 Draw the symbol of phototransistor.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 How we can measure the viscosity by falling sphere.
- Q.14 Explain input output configuration of Instrumentation systems.
- Q.15 Write a short note on Electromagnetic transducer.
- Q.16 What is Photoconductor? Explain.
- Q.17 Discuss on Tachogenerator.
- Q.18 Give the construction of photovoltaic cell.
- Q.19 Explain Stroboscope.
- Q.20 Explain working of LDR.
- Q.21 Write a short note on Micrometer.
- Q.22 Explain Resistive method used for measurement of Thickness.

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