

AllAbtEngg.com
For Questions, Notes, Syllabus & Results
MT 8591 Sensors and Instrumentation

Important 2mark questions

Unit I

1. Differentiate active and passive transducers.
2. Why are sensor calibration required

Unit II

1. Give the types of encoders.
2. In LVDT why the frequency of excitation of primary winding kept very high as compared to the frequency of signal being detected?

Unit III

1. Give the Gyroscope Principle.
2. What is gauge factor of a strain gauge?

Unit IV

1. List the applications of piezo electric transducers.
2. Draw the resistance-temperature characteristics of Thermistor.

Unit V

1. Write the principle of Nano Sensors.
2. Draw the circuit diagram of 'sample and hold' circuit.