- (07 Marks) (07 Marks) (06 Marks)
- (08 Marks) (06 Marks)
 - (06 Marks)
- (08 Marks)
 - (12 Marks)
- Explain the construction and working of Solex Pneumatic Comparator. (08 Marks)
 - (12 Marks)
- (10 Marks)
 - (10 Marks)
- (14 Marks) (06 Marks)
- Explain the working of Generalised measurement system with a block diagram. (10 Marks)
 - Define the following terms b. ii) Precision iii) Threshold iv) Hysteresis v) Sensitivity (10 Marks) i) Accuracy

- State and explain any four internet problems associated in mechanical systems. (10 Marks)
 - Explain with a neat sketch principle and working of Cathode Ray Oscilloscope (CRO). (10 Marks)

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Module-5

Explain how torque is measured by using prony brake dynamometer. (10 Marks)

With a neat sketch explain McLeod Gauge.

(10 Marks)

OR Explain the construction and working of optical pyrometer. 10 a.

(08 Marks)

Briefly explain the methods of strain measurement.

(07 Marks)

Explain the laws of thermocouple.

(05 Marks)



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