



## SECTION-B

- Q2) What are the different types of telemetry systems? Enlist the various applications of telemetry.
- Q3) What are the important factors that decide the configuration and subsystem of a Data Acquisition System?
- Q4) Describe the essential difference between a variable reluctance type of transducer and an LVDT.
- Q5) Compare the measuring accuracy of a Wheatstone bridge with the accuracy of an ordinary ohmmeter.
- Q6) Explain the functions of various controls on the front panel of a CRO.

## SECTION-C

- Q7) Explain with the help of neat circuit diagram, the working of a dual slope DVM. What are the advantages of dual slope over Ramp type DVMs?
- Q8) What is the difference between a wave analyzer and a harmonic distortion analyzer? What are spectrum analyzers commonly used for? Explain its applications.
- Q9) Explain the minimum of five specifications that should be considered while selecting a recording instrument. What is the difference between an indicator and recorder?