



- Q.6 The output of Turbine Flow meter is \_\_\_\_\_.  
 a) Digital                      b) Analog  
 c) Both A & B                d) None of these
- Q.7 Thermistors are \_\_\_\_\_.  
 a) Passive Transducer    b) Active Transducer  
 c) Both A & B                d) Output Transducer
- Q.8 A Reynold's number of 4000 indicates.  
 a) Turbulent                    b) Laminar  
 c) Both A & B                d) None of these
- Q.9 The output of Electromagnetic Flow meter is unaffected by changes in characteristics of Liquid \_\_\_\_\_.  
 a) Viscosity                    b) Pressure  
 c) Temperature                d) All of these
- Q.10 Manometer is used for measurement of \_\_\_\_\_.  
 a) Pressure                      b) Temperature  
 c) Flow                            d) All of these

### SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Thermistors are compact and rugged. T/F  
 Q.12 Diaphragms are used for Pressure measurement. T/F

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- Q.13 Thermocouples are used to detect very small changes in Temperature T/F.  
 Q.14 Electromagnetic Flow meter utilizes \_\_\_\_\_ crystals.  
 Q.15 Radiation Pyrometers are used for Temperature measurement. T/F  
 Q.16 Orifice flow meters are volumetric flow meters T/F.  
 Q.17 Write one disadvantages of Thermistor.  
 Q.18 Define Flow.  
 Q.19 Pirani gauge is used for measurement of \_\_\_\_\_ pressure.  
 Q.20 Ultrasonic transducers are utilized for Level measurement T/F.  
 Q.21 Mention units of Pressure.  
 Q.22 Hot wire Anemometers are used for measurement of Flow. T/F.

### SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.23 Discuss units of Temperature and Flow.  
 Q.24 Write short note on Thermocouple.  
 Q.25 Explain pressure measurement using Bellows.  
 Q.26 Discuss Orifice flow meter.  
 Q.27 Describe Electric method for level measurement.

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