

- a) Voltage b) Current
c) Resistance d) All of these
- Q.6 The moving coil in electro-dynamometer is also called.
- a) Fixed Coil b) Pressure Coil
c) Current d) None of these
- Q.7 In a Q-meter, the value of shunt resistance connected across the oscillator is typically of the order of _____
- a) Ω b) $m\Omega$
c) $\mu\Omega$ d) $k\Omega$
- Q.8 In CRO, sweep voltage is applied to the _____.
a) Horizontal deflection plates
b) Vertical deflection plates
c) Both (a) & (b)
d) None of these
- Q.9 Maxwell bridge is used for measurement of _____.
a) Inductance b) Capacitance
c) Resistance d) None of these
- Q.10 _____ is the main part of CRT
a) Electron gun assembly
b) Glass Envelope
c) Both (a) & (b)
d) None of these

SECTION-B

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

- Q.11 Secondary instruments used in almost every sphere of measurement. True/False
- Q.12 Joule is unit of energy. True/False
- Q.13 _____ is used for medium value resistance m's
- Q.14 Expand CRT.
- Q.15 3 Wattmeter Power measurement method uses 2 wattmeter. True/False
- Q.16 Digital frequency meter measures _____.
- Q.17 LCR bridge measures _____
- Q.18 Graticule is a grid of lines that serves as a scale for time & amplitude measurement. True/False
- Q.19 Thermocouple type meter utilize thermocouple. True/False
- Q.20 _____ is used for power measurement.

SECTION-C

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

- Q.21 Write a short note on classification of instrumentation system.
- Q.22 Discuss ohmmeter for measurement of resistance.
- Q.23 Explain rectifier type meter.