

- Q.5 The torque produced in a wattmeter is proportional to _____.
 a) The average value of current in the two coils.
 b) The R.M.S. value of current in the two coils.
 c) The average values of the supply voltage.
 d) None of these
- Q.6 A simple bridge circuit consist of a network of _____.
 a) 3 resistance arms b) 2 resistance arms
 c) 4 resistance arms d) None of these
- Q.7 A transistor has _____.
 a) One PN Junction b) Two PN Junction
 c) Three PN Junction d) None of these
- Q.8 A CRO can be used to measure.
 a) A.C. Voltage b) DC Voltage
 c) Frequency d) All of these
- Q.9 Principally CRO is a _____.
 a) Ammeter b) Voltmeter
 c) Wattmeter d) Watt hour meter
- Q.10 Which part is called as heart of CRO.
 a) CRT b) Sweep Generator
 c) Trigger Circuit d) Amplifier

SECTION-B

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

- Q.11 Direct measurement methods are more accurate & less sensitive than indirect Measurement. (True/False)
- Q.12 Meggers are used for measurement of insulation resistance. (True/False)
- Q.13 AC Bridge uses Wagner earthing device for stray capacitance removal. (T/F)
- Q.14 Rectifier type meter uses _____ with PMMC.
- Q.15 Energy meter is used for measurement of _____.
 Q.16 Define transducer.
 Q.17 Expand CRO.
 Q.18 Expand PMMC meter.
 Q.19 Maxwell Bridge is used for measurement of capacitance. (True/False)
 Q.20 Voltmeter is an example of secondary instruments. (True/False)

SECTION-C

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

- Q.21 Write a short note on Importance of measurement.
- Q.22 Describe megger for measurement of high resistance.
- Q.23 Explain thermocouple type meters.