February

February 2026 | **GOVT ITI HUNSUR** | Q. ID: ITISKILL3955YH

Question Paper

Student: Vishala
Score: 2/12 (16.67%)

Code: 6296

1. Which bearing is supporting the shaft of moving coil assembly in a PMMC instrument?

A) Steel bearings
B) Bush bearings
C) Jewelled bearings
D) Gun metal bearings (Incorrect)

2. What is the full form of the abbreviation PMMC meter?

A) Parallel Magnet Moving Coil meter (Incorrect)
B) Position Magnet Moving Coil meter
C) Principle Magnet Moving Coil meter
D) Permanent Magnet Moving Coil meter

3. Which electrode controls brightness of the image on the screen of oscilloscope?

A) Anode
B) Cathode
C) Control grid
D) Focussing electrode (Incorrect)

4. Which parameter is measured by a multimeter?

A) Voltage
B) Energy
C) Frequency
D) Time duration (Incorrect)

5. Which torque is used in PMMC meter movement?

A) Low torque
B) High torque
C) Moderate torque (Correct)
D) Insufficient torque

6. Find the value of shunt resistance required for 1 mA meter to extend the range and measure 10 mA (RM = 27 Ohm) ?

A) 1 Ohm
B) 2 Ohms (Incorrect)
C) 3 Ohms
D) 4 Ohms

7. In which arrangement the high value of resistor is connected to extend the range of voltmeter?

A) Star
B) Delta
C) Series
D) Parallel (Incorrect)

8. In which analog meter the battery is provided?

A) Ammeter
B) Voltmeter (Incorrect)
C) Ohm meter
D) Watt meter

9. Which meter uses a moving coil for measurement?

A) LCR meter
B) PMMC meter (Correct)
C) MI repulsion type
D) MI attraction type

10. Which parameter is used in the working of moving coil meter?

A) Spring control
B) Stray magnetic fields (Incorrect)
C) Eddy current damping
D) Permanent magnetic fields

11. Which meter movement is not affected by stray magnetic fields?

A) PMMC meter
B) Thermo couple meter
C) MI meter - attraction type
D) MI meter - Repulsion type (Incorrect)

12. Which characteristics enable the deflection of pointer in the attraction type moving iron meter?

A) Weight of the soft iron pieces
B) Deflection is inversely proportional to current
C) Deflection is independent of current direction
D) Deflecting and controlling torques are (Incorrect)