

# GOVT ITI HUNSUR

February

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Student Name	Vishala	Access Code	6296
Attempt No.	#1	Completion Time	12:38 PM
Rank	#2	Total Questions	12

2 SCORE

12 MAX MARKS

2 CORRECT

10 INCORRECT

## Answer Review

**Q1** **INCORRECT** 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

**Q2** **INCORRECT** What is the full form of the abbreviation PMMC meter?

A. Parallel Magnet Moving Coil meter

B. Position Magnet Moving Coil meter

C. Principle Magnet Moving Coil meter

D. Permanent Magnet Moving Coil meter

Q3 **INCORRECT** Which electrode controls brightness of the image on the screen of oscilloscope?

A. Anode

B. Cathode

C. Control grid

D. Focussing electrode

Q4 **INCORRECT** Which parameter is measured by a multimeter?

A. Voltage

B. Energy

C. Frequency

D. Time duration

Q5 **CORRECT** Which torque is used in PMMC meter movement?

A. Low torque

B. High torque

C. Moderate torque

D. Insufficient torque

Q6 **INCORRECT** Find the value of shunt resistance required for 1 mA meter to extend the range and measure 10 mA ( $R_M = 27 \text{ Ohm}$ ) ?

A. 1 Ohm

B. 2 Ohms

C. 3 Ohms

D. 4 Ohms

Q7 **INCORRECT** In which arrangement the high value of resistor is connected to extend the range of voltmeter?

A. Star

B. Delta

C. Series

D. Parallel

Q8 **INCORRECT** In which analog meter the battery is provided?

A. Ammeter

B. Voltmeter

C. Ohm meter

D. Watt meter

Q9 **CORRECT** Which meter uses a moving coil for measurement?

A. LCR meter

B. PMMC meter

C. MI repulsion type

D. MI attraction type

Q10 **INCORRECT** Which parameter is used in the working of moving coil meter?

A. Spring control

B. Stray magnetic fields

C. Eddy current damping

D. Permanent magnetic fields

Q11 **INCORRECT** 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

Q12 **INCORRECT** 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