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Score: 3/12 (25.00%)

Code: 6863

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

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

2. 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 (Incorrect) 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 (Correct)** D) Focussing electrode

4. Which parameter is measured by a multimeter?

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

5. Which torque is used in PMMC meter movement?

- A) Low torque (Incorrect) B) High torque  
C) **Moderate torque** 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  
C) **3 Ohms** D) 4 Ohms (Incorrect)

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  
C) **Ohm meter (Correct)** D) Watt meter

9. Which meter uses a moving coil for measurement?

- A) LCR meter B) **PMMC meter**  
C) MI repulsion type (Incorrect) 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 (Incorrect) D) MI meter - Repulsion type

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 (Correct)** D) Deflecting and controlling torques are