

# ITI Quiz - 10-Feb-2026

## 08:31 PM

Q. ID: ITISKILL74237A

February 2026

Question Paper

Duration: 30 Mins

Total Marks: 10

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Student Name: _____	Roll No: _____
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1. Which factor determines the inductance value?

- A) Frequency of the current
- B) Current flow through the coil
- C) Material of the coil
- D) Diameter of the coil

2. Which component opposes any change in current?

- A) Diode
- B) Resistor
- C) Inductor
- D) Capacitor

3. Which value is equal to one picofarad?

- A) 1012 Farad
- B) 10-12 Farad
- C) 10-6 Farad
- D) 106 Farad

4. Which type of wave is generated in Schmitt trigger circuit?

- A) Square wave
- B) Sine wave
- C) Saw tooth wave
- D) Triangular wave

5. How many ohms is equal to one Mega ohm?

- A) 100 kW
- B) 1000 kW
- C) 2000 kW
- D) 10 kW

6. What is the unit of inductance?

- A) Joule
- B) Henry
- C) Farad
- D) Watts

7. What is the colour code for 100 Ohm resistor?

- A) Black, brown, black
- B) Brown, black, brown
- C) Brown, brown, brown
- D) Brown, black, red

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

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

9. What is the advantage of using digital multimeter?

- A) Easy portability
- B) Logarithmic scale
- C) Accuracy
- D) Linear scale

10. Which parameter is measured by a multimeter?

- A) Time duration
- B) Frequency
- C) Energy
- D) Voltage