

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: _____

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

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

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

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

3. Which parameter is measured by a multimeter?

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

4. Which factor determines the inductance value?

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

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

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

6. What is the advantage of using digital multimeter?

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

7. What is the unit of inductance?

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

8. Which value is equal to one picofarad?

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

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

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

10. Which component opposes any change in current?

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