

ITI Quiz - 10-Feb-2026

08:31 PM

Q. ID: ITISKILL74237A

February 2026

Answer Key

Duration: 30 Mins

Total Marks: 10

Q.ID: ITISKILL74237A

1. Which parameter is measured by a multimeter?

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

Answer: A) Voltage

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

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

Answer: C) Square wave

3. Which component opposes any change in current?

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

Answer: D) Inductor

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

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

Answer: C) Brown, black, brown

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

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

Answer: A) Jewelled bearings

6. What is the advantage of using digital multimeter?

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

Answer: A) Accuracy

7. Which value is equal to one picofarad?

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

Answer: C) 10⁻¹² Farad

8. Which factor determines the inductance value?

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

Answer: B) Diameter of the coil

9. What is the unit of inductance?

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

Answer: C) Henry

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

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

Answer: A) 1000 kW