

## ITI Quiz

Q. ID: ITISKILL2184SJ | May 2026

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|--------------|---------|-----------------|----------|
| Student Name | Pavan h | Access Code     | 1883     |
| Attempt No.  | #1      | Completion Time | 02:20 PM |
| Rank         | #13     | Total Questions | 10       |

8 SCORE

10 MAX MARKS

8 CORRECT

2 INCORRECT

### Answer Review

Q1 **CORRECT** Which machine converts mechanical energy into electrical energy?

A. Battery

B. Generator ☒

C. Heater

D. Iron box

Q2 **CORRECT** What is the flow of electrons in any conductor?

A. Voltage

B. Current ☒

C. Resistance

D. Power

Q3 **INCORRECT** Which is very good conductor?

A. Copper ☒

B. Cast iron

C. Wrought iron

D. Steel ☐

Q4 **CORRECT** What is the current?

<br>

R = 50 Ohms

<br>

220 Volts

<br>

I = \_\_\_\_Amps

A. 4.1 Amps

B. 4.2 Amps

C. 4.3 Amps

D. 4.4 Amps ☒

Q5 **INCORRECT** Which statement is correct according to ohm's law?

A.  $I = 1/V$

B.  $I = R$

C.  $I = V/R$  ☒

D.  $I = R/V$  ☐

Q6 **CORRECT** Which law states about electromagnetic induction?

A. Ohm's law

B. Hooke's law

C. Lenz's law

D. Faraday's law ☒

Q7 **CORRECT** What does EMF stands for?

A. Electronic Magnetic Force

B. Electro Motive Force ☒

C. Electro Magnetic Force

D. Electromated Force

Q8 **CORRECT** Which is the unit electrical power?

- A. Volts
- B. Ohms
- C. Watts ☒
- D. Ampere

Q9 **CORRECT** What is the process of heat treatment?

- A. The process of heating and cooling to change the structure and properties ☒
- B. The process of heating to change the dimensions
- C. The process of cooling to measure the dimensions
- D. The process of heating and bending as per our requirement

Q10 **CORRECT** What is the area of a square whose side is 18 cm?

- A.  $26\text{ cm}^2$
- B.  $36\text{ cm}^2$
- C.  $72\text{ cm}^2$
- D.  $324\text{ cm}^2$  ☒