

ITI Quiz

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Student Name	Guruprasad	Access Code	9633
Attempt No.	#1	Completion Time	02:20 PM
Rank	#12	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 **CORRECT** Which is very good conductor?

A. Copper ☒

B. Cast iron

C. Wrought iron

D. Steel

Q4 **CORRECT** What is the current?

$R = 50 \text{ Ohms}$

220 Volts

$I = \underline{\hspace{1cm}} \text{ Amps}$

A. 4.1 Amps

B. 4.2 Amps

C. 4.3 Amps

D. 4.4 Amps ☒

Q5 **CORRECT** 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 **INCORRECT** 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 **INCORRECT** What is the area of a square whose side is 18 cm?

- A. 26 cm^2
- B. 36 cm^2
- C. 72 cm^2 ☐
- D. 324 cm^2 ☒