

ITI Quiz

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Student Name	Maneesh	Access Code	8740
Attempt No.	#1	Completion Time	02:19 PM
Rank	#28	Total Questions	10

3 SCORE

10 MAX MARKS

3 CORRECT

7 INCORRECT

Answer Review

Q1 **INCORRECT** 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 **INCORRECT** 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 **INCORRECT** 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 **INCORRECT** Which is the unit electrical power?

A. Volts

B. Ohms ☐

C. Watts ☐

D. Ampere

Q9 **INCORRECT** 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 cm^2

B. 36 cm^2

C. 72 cm^2

D. 324 cm^2 ☐