GITIANKOLA

Test2batch1

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96.00% 24 / 25

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Attempt No.	#1	Completion Time	02:22 PM
Rank	#5	Total Questions	25

24 SCORE	**25** MAX MARKS	**24** CORRECT	**1** INCORRECT

Answer Review

Q1 CORRECT Electrical conductivity of gold is

A. 56%

B. 67% ▯

C. 94%

D. 100%

Q2 CORRECT What is stationary electric charges?

A. Static charges ▯

B. Kinetic charges

C. Chemical charges

D. Electrical charges

Q3 CORRECT What is the unit of electric charge?

A. Volts

B. Hertz

C. Ampere

D. Coulomb

Q4 CORRECT Which material contains eight electrons in valency layer?

A. Insulators

B. Conductors

C. Semiconductors

D. Intrinsic semiconductors

Q5 CORRECT Which material is used as electrical insulator?

A. Gallium

B. Porcelain

C. Aluminium

D. Germanium

Q6 CORRECT Which electrical parameter opposes the flow of electrons?

A. Power

B. Voltage

C. Current

D. Resistance

Q7 CORRECT How the single strand wire is called?

A. Flexible wire

B. Twisted wire

C. Hook up wire

D. Multi strand wire

Q8 CORRECT What is the purpose of covering provided over the electrical conductor?

A. Increase current flow

B. Reduce current flow

C. Decrease voltage rating

D. Protection against weather

Q9 CORRECT Which material conducts electricity?

A. Mica

B. Paper

C. Glass

D. Copper

Q10 CORRECT How many electrons are contained in coulomb of electric charge?

A. 6.25 x 108 electrons

B. 6.25 x 1012 electrons

C. 6.25 x 1016 electrons

D. 6.25 x 1018 electrons

Q11 CORRECT How the movement of electrons through a conductor in a particular direction is called?

A. Resistance

B. Inductance

C. Conductance

D. Electric current

Q12 CORRECT Which metal has very good conductivity to the electric current?

A. Gold

B. Copper

C. Silver

D. Aluminium

Q13 CORRECT Which electrical property opposes the flow of electrons?

A. Power

B. Voltage

C. Current

D. Resistance

Q14 CORRECT How many gauge numbers in SWG, changed to double the cross section area of the conductor?

A. Two gauge sizes decreased

B. Four gauge sizes increased

C. Five gauge sizes increased

D. Three gauge sizes decreased

Q15 CORRECT What are the fundamental properties of insulation materials?

A. Length and cross sectional area

B. Low resistance and thermal heat

C. Temperature and electrical hazards

D. Insulation resistance and dielectric strength

Q16 CORRECT What is the shape of standard wire gauge?

A. Square metal disk

B. Circular metal disk

C. Cylindrical glass disk

D. Rectangular plastic disk

Q17 CORRECT What is the name of the pair of metal strips used in battery cell?

A. Cathode

B. Electrolyte

C. Electrodes

D. Carbon rod

Q18 CORRECT Which electrolyte is used in lead-acid battery?

A. Zinc chloride

B. Sulphuric acid

C. Alkaline solution

D. Potassium hydroxide solution

Q19 CORRECT How batteries are classified?

A. Dry cells and alkaline cells

B. Button cells and lithium cells

C. Primary cells and secondary cells

D. Cylindrical cells and rectangular cells

Q20 CORRECT Which battery is used for cellular phones?

A. Nickel ion

B. Lithium ion

C. Zinc chloride

D. Sodium sulphur

Q21 CORRECT Which material is used for negative terminal of alkaline manganese dioxide batteries?

A. Zinc

B. Lithium

C. Cadmium

D. Nickel hydroxide

Q22 CORRECT What is the unit of electric charge?

A. Volts

B. Hertz

C. Ampere

D. Coulomb

Q23 INCORRECT What is the rated voltage of a single cell in lead acid battery?

A. 1.5 V

B. 2.0 V

C. 2.2 V

D. 12 V

Q24 CORRECT Which energy is converted by the battery to produce electricity?

A. Electrical energy into light energy

B. Chemical energy into electrical energy

C. Mechanical energy into electrical energy

D. Electrical energy into mechanical energy

Q25 CORRECT What is the effect on a secondary cell supplying current to the load?

A. Leaking

B. Charging

C. Unloading

D. Discharging

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