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Electrolysis and Storage of Batteries MCQ Test

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Practice Below the Best **Electrolysis and Storage of Batteries MCQ** test that checks your basic knowledge of Electrolysis and Storage of Batteries. This **Electrolysis and Storage of Batteries MCQ Test** contains 20 Multiple Choice Questions. You have to select the right answer to the question. Finally, you can also take the Online Quiz from the Take **Electrolysis and Storage of Batteries PDF** Button.

Q1. Cells Are Connected In Parallel To

- A. Increase the efficiency
- **B. Increase the current capacity**
- C. Increase the voltage output
- D. Increase the internal resistance

Q2. Which Of The Following Primary Cells Has The Highest Voltage ?

- A. Manganese-alkaline
- B. Carbon-zinc
- **C. Lithium**
- D. Mercury

Q3. The Current Flow Through Electrolyte Is Due To The Movement Of

- **A. ions**
- B. holes
- C. electrons
- D. none of the above

Q4. Each Cell Has A Vent Cap

- A. to allow gases out when the cell is on charge

- B. to add water to the cell if needed
- C. to check the level of electrolyte
- D. to do all above functions

Q5. Electrolyte Used In An Edison Cell Is

- A. NaOH
- B. KOH
- C. HCl
- D. HNO₃

Q6. On Overcharging A Battery

- A. It will bring about chemical change in active materials
- B. It will increase the capacity of the battery
- C. It will raise the specific gravity of the electrolyte
- D. None of the above will occur

Q7. Internal Resistance Of A Cell Is Due To

- A. resistance of electrolyte
- B. electrode resistance
- C. surface contact resistance between electrode and electrolyte
- D. all above

Q8. Which Of The Following Battery Is Used For Aircraft ?

- A. Lead-acid battery
- B. Nickel-iron battery
- C. Dry cell battery
- D. Silver oxide battery

Q9. Trickle Charging Of A Storage Battery Helps To

- A. maintain proper electrolyte level
- B. increase its reserve capacity
- C. prevent sulphation
- D. keep it fresh and fully charged

Q10. Which Of The Following Cell Has A Reversible Chemical Reaction ?

- **A. Lead-acid**
- B. Mercury oxide
- C. Carbon-zinc
- D. Silver-oxide

Q11. Batteries Are Charged By

- A. rectifiers
- B. engine generator sets
- C. motor generator sets
- **D. any one of the above methods**

Q12. Battery Charging Equipment Is Generally Installed

- A. In well ventilated location
- B. In clean and dry place
- C. As near as practical to the battery being charged
- **D. In location having all above features**

Q13. The Following Indicate That Battery On Charge Has Attained Full Charge

- A. colour of electrode
- B. gassing
- C. specific gravity
- **D. all above**

Q14. Self charge of a Ni-Fe cell is _____ Edison cell.

- A. Equal to
- **B. Less than**
- C. More than
- D. Much more than

Q15. The capacity of a lead-acid cell is measured in

- A. Watts
- B. Amperes
- C. Watt-hours
- **D. Ampere-hours**

Q16. During charging the specific gravity of the electrolyte of a lead-acid battery

- **A. increases**
- B. decreases
- C. remains the same
- D. becomes zero

Q17. Shelf life of a small dry cell is

- A. equal to that of large dry cell
- **B. less than that of large dry cell**
- C. more than that of large dry cell
- D. None of them

Q18. Satellite power requirement is provided through

- **A. dry cells**
- B. solar cells
- C. lead-acid batteries
- D. nickel-cadmium cells

Q19. In alkaline cell the electrolyte is_____

- **A. KOH**
- B. NaOH
- C. dilute sulphuric acid
- D. concentrated sulphuric acid

Q20. Dry cell is modification of_____

- A. Daniell cell
- B. Edison cell
- C. Lead-acid cell

- **D. Leclanche cell**

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