



to the load?

- A) Discharging
- B) Charging
- C) Unloading
- D) Leaking

17. What is the total voltage of six 1.5 V cells, connected in series?

- A) 9 VDC
- B) 3 VDC
- C) 12 VDC
- D) 6 VDC

18. Which is the additional percentage of power delivered by the lithium ion compared to NiMH battery?

- A) 40%
- B) 25%
- C) 0.15
- D) 60%

19. Which electrolyte is used in lead-acid battery?

- A) Sulphuric acid
- B) Zinc chloride
- C) Alkaline solution
- D) Potassium hydroxide solution

20. What is the unit of electric charge?

- A) Coulomb
- B) Hertz
- C) Ampere
- D) Volts

21. What is the name of the pair of metal strips used in battery cell?

- A) Carbon rod
- B) Cathode
- C) Electrodes
- D) Electrolyte

22. Which material is used for negative terminal of alkaline

manganese dioxide batteries?

- A) Lithium
- B) Zinc
- C) Nickel hydroxide
- D) Cadmium

23. What is the rated output voltage of a silver oxide cell?

- A) 4.0 VDC
- B) 1.0 VDC
- C) 1.5 VDC
- D) 2.5 VDC

24. What is the electrolyte level maintained above the top of the plates in lead acid battery cells?

- A) 5 mm to 8 mm
- B) 16 mm to 25 mm
- C) 10 mm to 15 mm
- D) 2 mm to 4 mm

25. What is the use of battery analyzers with rapid-test program?

- A) Indicate the health condition of battery
- B) Test the battery life
- C) Test the charging current of battery
- D) Test the load current delivered

26. Which battery is made from non-toxic materials?

- A) Nickel cadmium (Nicad)
- B) Lithium ion (Li-Ion)
- C) Nickel metal hydride (NiMH)
- D) Lithium polymer (Li-Poly)

27. What is the specific gravity of concentrated sulphuric acid?

- A) 1.835
- B) 1.245
- C) 1.175
- D) 1.945