

UNIT TEST-I
Karpagam College of Engineering
15LC09 Electrical Engineering
Answer ALL Questions

5 x 2 = 10 Marks

PART A

1. Classify Batteries.
2. State the significance of Separators.
3. Mention the types of Automobile batteries.
4. Mention the types of Torpedo batteries.
5. State any four advantages of Lead-Acid Battery.

PART B Answer Any ONE Question 1 x 15 = 15 Marks

- B1. a) (i) Explain the construction and working principle of Lead acid battery with neat diagram. (6)
(ii) Compare primary cells and secondary cells (4)
(iii) Explain the construction and working principle of Nickel-Iron battery with neat diagram. (5)
(or)
- b) (i) Explain the construction and working principle of Nickel-Cadmium battery with neat diagram. (6)
(ii) Compare Lead acid battery with Ni-Cd and Ni-Fe batteries. (5)
(iii) State and Explain What is ampere-hour and watt-hour efficiency (4)

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