

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) What does the BCI group number mean?

2) What are the three most commonly used battery-rating methods?

3) Why can a discharged batteries freeze?

4) Why can a battery explode if exposed to an open flame or spark?

5) What is meant by a sulfated battery?

Answer Key

Testname: SHORT 50

- 1) Battery sizes are standardized by the Battery Council International (BCI). When selecting a replacement battery, check the specified group number in service information, battery application charts at parts stores, or the owner's manual.
Page Ref: 584
- 2) The three most commonly used battery ratings are CA, CCA, and reserve capacity.
Page Ref: 583-584
- 3) Discharged batteries can freeze because the electrolyte becomes almost water.
Page Ref: 581
- 4) Batteries can explode if exposed to a flame or spark because they release hydrogen and oxygen from the vents.
Page Ref: 581
- 5) When a battery is left in a discharged condition, the lead sulfate re-crystallizes into hard lead sulfate. This process is called sulfation or a sulfated battery.
Page Ref: 583