

**Shivaji University, Kolhapur**  
**B.E. (Automobile) (Semester VIII) Examination, October – 2020**  
**Alternative Electronics**  
**Sub. Code: 67790**

1. Following will happen if battery charging rate is too high [2]
  - A. Excessive gassing will occur
  - B. Temperature rise will occur
  - C. Bulging and buckling of plates we occur
  - D. All of the above
  
2. A battery of six cells will show a drop of .....volts from fully charged state to fully discharged state [2]
  - A. 1
  - B. 1.5
  - C. 2.4
  - D. 2.9
  
3. When two batteries are connected in parallel, it should be ensured that [2]
  - A. They have same emf
  - B. They have same make
  - C. They have same ampere hour capacity
  - D. They have identical internal resistance
  
4. A fuel cells converts .....energy into electrical energy. [2]
  - A. Mechanical
  - B. Magnetic
  - C. Solar
  - D. Chemical
  
5. In .....system the charging current is intermittently controlled at either a maximum or minimum value [2]
  - A. Two rate charge control
  - B. Trickle charge
  - C. Floating charge
  - D. An equalizing charge