

UNIT-5

PART- A

1. List the advantages of hydrogen fuel used in automobiles.
2. What is a hybrid vehicle?
3. What is a fuel cell?
4. Write the composition of LPG and CNG.
5. Define detonation and pre-ignition.
6. What is the need for CNG?
7. What are the advantages of an electric car?
8. What are the advantages of hybrid system?
9. State the advantages of fuel cell.
10. What are the types of fuel cell?

Part B

11. How bio diesel is produced? Explain and its usage in automobiles. (16)
12. Explain the operation of hydrogen fueled vehicle with neat sketch. (16)
13. Explain the working principle of fuel cell with neat sketch. (16)
14. Discuss the operation of an LPG propelled vehicle with neat sketch. (16)
15. Explain the concept of hybrid vehicles with neat sketch. (16)
16. (i) Explain the usage of gasohol fuel in automobiles. (8)
(ii) Explain the working of an electric car. (8)