

UNIT-2

Part A

1. What is gasoline injection?
2. What is conventional ignition system?
3. Define common rail ignition system..
4. What is unit injection system?
5. What is a rotary distributor?
6. What are the functions of a spark plug?
7. Write is Electronic ignition system?
8. What is the functions of Turbo chargers?
9. Why the . Engine emissions to be controlled?
10. What are the advantages of petrol injection?
11. What is super charging?
12. What are the pollutants emitted by an automobile?

Part B

13. Explain the working principle of electronic ignition system (16)
14. Discuss the merits and demerits of electronic ignition system (16)
15. With a suitable sketch, explain the Electronically controlled gasoline injection system (16)
16. With a neat sketch, explain the Electronically controlled diesel injection system. (16)
17. Explain the turbo charging system with neat sketch. (16)
18. What is 3 way catalytic converter? Explain its working principle. (16)
19. Explain common rail direct injection system with neat sketch. (16)
20. Explain the Unit injector system with neat sketch. (16)