

QUESTION POOL FOR INTERVIEW / TEST

SHORT QUESTIONS

1. Define an engine
2. Why safety is necessary?
3. Define personal protective equipment(PPE)
4. Write names of four personal protective equipment
5. Explain importance of safety at workplace
6. Describe working of 4- stroke petrol engine
7. Name important parts of an engine
8. Describe purpose of crankshaft
9. What is function of a piston?
10. What is the purpose of the piston rings?
11. Describe how the camshaft operates the valves?
12. Describe the procedure to adjust valve clearance
13. How will you remove and replace engine valves
14. Define the operation of a mechanical fuel pump
15. What are the circuits in a carburetor?
16. What is purpose of cooling system?
17. Why thermostat is needed in a cooling system?
18. What is the function of radiator pressure cap?
19. What are the common causes of overheating?
20. Describe five jobs performed by lubricating oil.
21. Name four important parts which require lubrication.
22. Describe the operation of a distributor
23. Define ignition timing
24. Name parts of Electronic fuel system(EFI) system
25. What is function of automotive clutch?

MCQ'S

- 1) During the power stroke in a four-stroke engine, the intake and exhaust valves are
 - a) Intake valve closed b) Exhaust valve closed
 - c) Both closed
- 2) Gloves are used for the protection of
 - a) Eyes b) body c) hand
- 3) The materials which are used for cylinder block are
 - a) Cast iron and steel b) brass and steel c) Cast iron and aluminium alloy
- 4) The mechanical fuel pump gets its drive from
 - a) camshaft b) crankshaft c) distributor shaft
- 5) Air fuel mixture should be lean for
 - a) Starting b) cruising c) idling
- 6) The throttle valve of the carburetor controls the supply of
 - a) Fuel only b) air only c) air-fuel mixture
- 7) In case of failure of the Electronic Control Unit(ECU), the normal procedure is to
 - a) Adjust the ECU b) recondition the ECU c) replace the ECU
- 8) If the thermostat is stuck closed, the engine will
 - a) Warm up slowly b) overheat c) fail to start
- 9) Two types of oil filters are
 - a) Pass and bypass b) bypass and full flow c) pressure and gravity
- 10) Adjustment of the ignition timing can be done by
 - a) Vacuum gauge b) stop watch c) Timing light