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[Automobile Engineering MCQ Quiz](#)

Take Automobile Engineering Quiz To test your Knowledge

Below are few **Automobile Engineering MCQ** test that checks your basic knowledge of Electrostatics. This **Automobile Engineering Test** contains around 20 questions of multiple choice with 4 options. You have to select the right answer to a question. You can see the correct answer by clicking the view answer link.

Q1. How many cells are used in a 12 volt car battery?

- A. 4
- **B. 6**
- C. 8
- D. 10

Q2. The power actually developed inside the engine cylinder is called as -

- A. Frictional power
- B. Brake power
- **C. Indicated power**
- D. None of These

Q3. The battery is an Electrochemical device, which means battery

- **A. Uses chemical action to provide electricity**
- B. Makes chemicals by mechanical means
- C. Has curved plates instead of flat plates
- D. None of the above

Q4. The petrol engines are also known as -

- A. Compression ignition (C.I.) engines
- **B. Spark ignition (S.I.) engines**
- C. Steam engines
- D. None of these

Q5. The compression ratio of a petrol engine is nearly -

- **A. 8:1**
- B. 4:1
- C. 15:1
- D. 20:1

Q6. The Basic Characteristics of a break fluid is -

- A. Low viscosity
- B. A highly boiling point
- C. Compatibility with rubber and metal parts
- **D. All of the above**

Q7. The Negative Plates of a lead acid battery has -

- A. Lead sulphate (PbSO₂)
- B. Lead peroxide (PbO₂)
- **C. Spongy lead (Pb)**
- D. Sulphuric acid (H₂SO₄)

Q8. Petrol that detonates easily is called -

- **A. Low octane petrol**
- B. High octane petrol
- C. Unleaded petrol
- D. Blended fuel

Q9. _____ Indicates multi-grade oil?

- A. SAE 30
- **B. SAE20 W50**
- C. API SF

- D. API 50

Q10. When turning a corner -

- A. The front wheels are turning on different angles
- B. The front wheels are toeing out
- C. The inside front wheels has a greater angle than the outside wheel
- **D. All of the above**

Q11. The size of the engine intake valve is -

- A. Same as that of exhaust valve
- B. Larger than that of exhaust valve
- **C. Smaller than that of exhaust valve**
- D. Does not depend upon the size of exhaust valve

Q12. On modern four stroke engines the exhaust valve opens just -

- A. Before TDC
- **B. Before BDC**
- C. Before TDC
- D. After BDC

Q13. At which stroke the fuel is injected in the CI engine?

- **A. Compression stroke**
- B. Expansion stroke
- C. Exhaust stroke
- D. Suction stroke

Q14. What is the spray cone angle in the Pintle nozzle?

- A. 15°
- **B. 60°**
- C. 25°
- D. 45°

Q15. What is the coefficient of fluctuation of speed?

- A. The ratio of the maximum fluctuation of energy to the mean speed
- **B. The ratio of the maximum fluctuation of speed to the mean speed**
- C. The ratio of the minimum fluctuation of energy to the mean speed
- D. The ratio of the work done per cycle to the mean speed

Q16. Which method of scavenging is used in two-wheelers without deflector type piston?

- A. Reverse flow scavenging
- **B. Cross scavenging**
- C. Uniform scavenging
- D. Loop scavenging

Q17. _____ are cast in crankcase to give extra strength and to support camshaft bearings

- A. oil filter
- B. rocker arm
- **C. rims**
- D. manifolds

Q18. Cylinder block is usually made from -

- A. chromium
- B. nickel
- C. steel sleeves
- **D. grey cast iron**

Q19. Which of the following is advantage for aluminium alloy cylinder block over grey cast iron?

- A. machinability
- **B. density**
- C. co-efficient of thermal expansion
- D. thermal conductivity

Q20. The main advantage of using aluminium alloy for cylinder head is -

- **A. high thermal conductivity**
- **B.** lightness in weight
- **C.** less corrosion rate
- **D.** cost

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