

# IC Engine Interview Questions - For Freshers

## 1. What is an IC engine?

The internal combustion engine turns chemical energy into useable mechanical energy by burning fuel. When the spark ignites the fuel-air mixture in the combustion chamber, chemical energy is released. The gas created in this reaction rapidly expands on the power stroke, forcing the piston down the cylinder.

## 2. What is a two-stroke engine?

Dugald Clerk invented a two-stroke engine in 1880, with suction, compression, expansion, and exhaust occurring during the 2-stroke of the piston. Every one of the crank shifts will give one stroke. Animation depicts a two-stroke engine in action, complete with a tuned exhaust pipe.

## 3. What is a four-stroke engine?

A 4-stroke engine is an internal combustion engine in which the piston performs four different strokes—intake, compression, power, and exhaust—throughout two crankshaft revolutions and one thermodynamic cycle. It runs on natural and synthetic gas.

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## 4. Tell me the differences between two-stroke and four-stroke engines?

Two-stroke engine	Four-stroke engine
A two-stroke engine fires once every revolution	A four-stroke engine fires once every 2 wheels.
Two-stroke engines are more straightforward and lighter, but they are less adaptable.	In four-stroke engines, ports replace valves. In two-stroke engines, the piston acts as control the flow of Gasoline.
Two-stroke engines are often utilized in light-duty applications.	In four-stroke engines are employed in high load applications.

## 5. What are the primary steps that we need to follow in a four-stroke engine?

- Air and vaporized Gasoline are pulled in through the intake stroke.
- The air and fuel vapour is compressed and ignited during the compression stroke.
- Fuel burns, and the piston is pushed down during the combustion stroke.
- Exhaust stroke: The exhaust is forced out of the system. The piston relies on power and momentum created by the other pistons during the first, second, and fourth stroke

## 6. In an IC engine, what are the benefits of lubrication?

- It prolongs the life of the moving parts by reducing wear and strain.
- It helps to reduce engine vibration.
- It cleans the moving parts of the machine.
- It tightens the piston gas.

# Ic Engine Interview Questions Open Database

**Lauren Gardner**



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