

MODEL QUESTION PAPER
MOTOR MECHANIC (TYPICAL)

- 1. Theoretically, a four stroke cycle engine should develop _____ power as that of a two stroke cycle engine**
 - a) Half
 - b) Same
 - c) Double
 - d) Four times

- 2. The device for smoothening out the power impulses from the engine is called**
 - a) Clutch
 - b) Differential
 - c) Flywheel
 - d) Torque converter

- 3. A carburettor is used to supply**
 - a) Petrol, air and lubricating oil
 - b) Air and diesel
 - c) Petrol and lubricating oil
 - d) Petrol and air

- 4. The main cause for the change in engine oil viscosity is**
 - a) Humidity
 - b) Temperature
 - c) Vibration
 - d) Contamination

- 5. Automobile gears are generally made of**
 - a) Cast iron
 - b) Mild steel
 - c) Wrought iron
 - d) Carbon chrome manganese steel

- 6. Taper roller bearings are used for withstanding**
 - a) Radial load only
 - b) Axial load only
 - c) Radial and axial loads
 - d) Tangential load

- 7. In a differential mechanism, while negotiating a curve, the rear outer wheel**
 - a) Takes longer radius and covers up longer distance
 - b) Takes longer radius and covers shorter distance
 - c) Covers up shorter distance and shorter radius
 - d) Covers up longer distance and takes shorter radius

8. A device used to connect or disconnect the driving and driven units of a machine

- a) Clutch
- b) Brake
- c) Key
- d) Cam

9. The firing order of a 6 cylinder engine is

- a) 1-2-3-4-5-6
- b) 6-5-2-4-3-1
- c) 1-5-3-6-2-4
- d) 1-3-2-4-6-5

10. Catalytic convertor is used to

- a) Improve fuel efficiency
- b) Reduce pollution
- c) Improve pickup
- d) Reduce sound