

ITI Quiz - 09-Jun-2026

07:36 PM

Q. ID: ITISKILL3553CR

April 2026

GOVERNMENT ITI KUKANOOR

Answer Key

Duration: 30 Mins

Total Marks: 10

Q.ID: ITISKILL3553CR

1. Which controls the EGR valve in modern vehicle?

- A) Vacuum regulated valve B) Solenoid controlled valve
C) Engine vacuum controlled valve D) Linear electronic controlled valve

Answer: D) Linear electronic controlled valve

2. Which type of engine uses SCR for emission control?

- A) LPG engine B) Petrol engine
C) CNG engine D) Diesel engine

Answer: D) Diesel engine

3. Which emission react with other compounds in the atmosphere to produce photo chemical smog?

- A) CO B) HC
C) SO₂ D) PM

Answer: B) HC

4. What is the major constituents of blow by gas?

- A) CO B) Hydro carbon
C) CO₂ D) NO_x

Answer: B) Hydro carbon

5. Which reaction is irrelevant to the 3 way catalytic converters?

- A) $2\text{HC} + \text{O}_2 \rightarrow 2\text{CO} + 2\text{H}_2\text{O}$ B) $\text{NO} + \text{CO} \rightarrow \text{N}_2 + \text{CO}_2$
C) $2\text{CO} + \text{O}_2 \rightarrow 2\text{CO}_2$ D) $\text{C} + \text{CO}_2 \rightarrow 2\text{CO}$

Answer: D) $\text{C} + \text{CO}_2 \rightarrow 2\text{CO}$

6. What is the effect of high sulphur content in fuel?

- A) Fungus in the cylinder walls B) Corrosive Wear of engine parts
C) In complete combustion D) Pitting in the engine parts

Answer: B) Corrosive Wear of engine parts

7. Which type of vehicle emissions is measured in g/Kwh??

- A) Heavy motor vehicle B) Light motor vehicle
C) Two wheeler and light motor vehicle D) Two wheeler

Answer: A) Heavy motor vehicle

8. Which type of the emission control system that blow by gases are feed in to the inlet manifold of a running engine?

- A) Crank case ventilation B) Exhaust gas recirculation
C) Catalytic convention D) Positive crank case ventilation

Answer: D) Positive crank case ventilation

9. Which one of the hydro carbon (HC) emitted due to lack of oxygen?

- A) From carburettor B) From fuel tank
C) From exhaust manifold D) From blow by crank case

Answer: C) From exhaust manifold

10. Which device changes carbon monoxide into carbon dioxide in the exhaust gas?

- A) Muffler B) Exhaust gas regulator
C) Canister D) Catalytic converter

Answer: D) Catalytic converter