

ITI Quiz - 09-Jun-2026

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Q. ID: ITISKILL3553CR

April 2026

GOVERNMENT ITI KUKANOOR

Question Paper

Duration: 30 Mins

Total Marks: 10

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Student Name: _____

Roll No: _____

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

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

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

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

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

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

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

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

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

- A) CO
B) SO_x
C) PM
D) HC

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

- A) CO
B) CO_2
C) Hydro carbon
D) NO_x

7. Which controls the EGR valve in modern vehicle?

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

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

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

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

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

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

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