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ITI Quiz - 05-May-2026 03:33 PM

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68.18% 30 / 44

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Attempt No.	#1	Completion Time	03:46 PM
Rank	#1	Total Questions	44

30 SCORE

44 MAX MARKS

30 CORRECT

14 INCORRECT

Answer Review

Q1 **INCORRECT** Which is a colourless, odourless tasteless and high toxic gas?

A. CO

B. CO₂

C. NO_X

D. SO_X

Q2 **CORRECT** What is acronym for DEF in selective catalytic reduction?

A. Diesel engine fluid

B. Diesel exhaust fluid

C. Diesel emission fluid

D. Diesel engine fuse

Q3 **CORRECT** What is acronym for SCR in emission control system?

- A. Silicon controlled rectifier
- B. Selective catalytic reduction
- C. Selective controlled rectifier
- D. Selective controlled reduction

Q4 **CORRECT** What is the acronym for EGR in emission control system?

- A. Engine gas recirculation
- B. Exhaust gas recirculation
- C. Exhaust gate regulator
- D. Emission gas recirculation

Q5 **CORRECT** Which one of the hydro carbon (HC) emitted due to lack of oxygen?

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

Q6 **CORRECT** Which emission react with other compounds in the atmosphere to produce photo chemical smog?

- A. CO
- B. HC
- C. PM
- D. SO_X

Q7 **INCORRECT** Which is the proposed date of implementation of bharat stage - 5 in entire country?

A. 1.4.2018

B. 1.4.2019

C. 1.4.2020

D. 1.4.2025

Q8 **INCORRECT** Which type of vehicle emission is measured in ?g/Km??

A. Two wheeler only

B. Light motor vehicle (LMV) only

C. Two wheeler and LMV

D. Heavy motor vehicles (HMV)

Q9 **CORRECT** Which type of vehicle emissions is measured in ?g/Kwh??

A. Two wheeler

B. Two wheeler and light motor vehicle

C. Light motor vehicle

D. Heavy motor vehicle

Q10 **CORRECT** What is the purpose of the EVAP canister?

A. to trap the exhaust gas

B. to trap the fresh charge

C. to trap the leak off fuel

D. to trap the fuel vapour

Q11 **CORRECT** Where is connected the EVAP canister outlet?

A. Intet manifold

B. Exhaust manifold

C. Catalyst converter

D. Fuel tank

Q12 **INCORRECT** Which device changes carbon monoxide into carbon dioxide in the exhaust gas?

A. Canister

B. Muffler

C. Catalytic converter

D. Exhaust gas regulator

Q13 **CORRECT** What is the effect of high sulphur content in fuel?

A. In complete combustion

B. Pitting in the engine parts

C. Fungus in the cylinder walls

D. Corrosive Wear of engine parts

Q14 **CORRECT** What is the major constituents of blow by gas?

A. Hydro carbon

B. CO₂

C. CO

D. NO_X

Q15 **CORRECT** Which type of engine uses SCR for emission control?

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

Q16 **CORRECT** When does a fresh charge escapes from the petrol engine exhaust?

- A. During valve lead
- B. During valve open
- C. During valve lag
- D. During valve overlap

Q17 **CORRECT** Which type of fuel is recommended for catalytic converter installed engines?

- A. Leaded petrol
- B. Unleaded petrol
- C. High speed diesel
- D. Low speed diesel

Q18 **INCORRECT** Which reaction is irrelevant to the 3 way catalytic converters?

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

Q19 **INCORRECT** 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. Positive crank case ventilation

D. Catalytic convention

Q20 **CORRECT** Which controls the EGR valve in modern vehicle?

A. Engine vacuum controlled valve

B. Vacuum regulated valve

C. Linear electronic controlled valve

D. Solenoid controlled valve

Q21 **INCORRECT** What does EPA refers to environment?

A. Environmental protection agency

B. Environmental provision act

C. Environmental prevention act

D. Environmental provision agency

Q22 **CORRECT** How much pressure develop the CRDI- diesel engine pump?

A. 100 - 200 bar

B. 200 - 600 bar

C. 600 - 1000 bar

D. 1000 - 1600 bar

Q23 **INCORRECT** Where is fuel injector fitted?

A. Cylinder head

B. Cylinder block

C. Head cover

D. Crank case

Q24 **CORRECT** Which electronic device controls the engine system?

A. Regulator

B. Ecm

C. Fuse

D. Switch

Q25 **CORRECT** How many fuel chamber's are in HEUI?

A. One

B. Two

C. Three

D. Four

Q26 **CORRECT** Which part connected in between inlet manifold and low pressure chamber of pneumatic governor?

A. Accelerator cable

B. Vacuum tube

C. Stop lever cable

D. Throttle lever

Q27 **CORRECT** How the quantity of fuel delivery vary in a running diesel engine?

- A. By plunger
- B. By control sleeve
- C. By control rack
- D. By injection

Q28 **CORRECT** Where the fuel feed pump of a diesel engine usually mounted?

- A. Fuel Filter
- B. Fuel gallery
- C. Fuel injector
- D. Fuel injection pump

Q29 **INCORRECT** Which type of engine has common rail direct fuel injection system?

- A. Steam engine
- B. Diesel engine
- C. Turbine engine
- D. Wankle engine

Q30 **CORRECT** How the CRDI injectors pressure control valve operated?

- A. Mechanically
- B. Electronically
- C. Manually
- D. Hydraulic

Q31 **CORRECT** Where is the pressure discharge valve is fitted in CRDI fuel system?

A. Common rail

B. Fuel pump

C. Injectors

D. Fuel filter

Q32 **INCORRECT** Which is develop diesel pressure in the CRDI engine?

A. ECM

B. Injection

C. Fuel tank

D. High pressure pump

Q33 **CORRECT** What is the function of heater plug?

A. Warm up fuel pump

B. Warm up combustion chamber

C. Warm up injector

D. Warm up valves

Q34 **CORRECT** Which is leak proof between nozzle and nozzle body?

A. Increase the power

B. Prevent dirty smoke

C. Easy starting

D. Mirror polishing finish in nozzle and body

Q35 **INCORRECT** How much maximum fuel pressure developed in fuel injection pump?

A. 100 to 200 Kgf/cm²

B. 200 to 300 Kgf/cm²

C. 300 to 400 Kgf/cm²

D. 400 to 700 Kgf/cm²

Q36 **CORRECT** Which governor has fitted the control rack with diaphragm?

A. Mechanical governor

B. Pneumatic governor

C. Servo governor

D. Centrifugal governor

Q37 **INCORRECT** Which fuel related with cetane number?

A. Petrol

B. Diesel

C. Coal

D. Kerosene

Q38 **CORRECT** Which is the process of fuel bleeding system?

A. Burn the air

B. Pump the air

C. Remove the air

D. Pressurize the air

Q39 **CORRECT** Where is the delivery pipe of fuel feed pump connected?

- A. Fuel tank
- B. Fuel filter
- C. Fuel gallery
- D. Fuel injection pump

Q40 **CORRECT** When do we use the hand priming pump?

- A. Engine is at rest
- B. Engine is at full load
- C. Engine is at full speed
- D. Engine is at idling speed

Q41 **CORRECT** Which valve is maintaining in the high pressure FIP pipe line?

- A. Control rack
- B. Delivery valve
- C. Barrel
- D. Plunger

Q42 **INCORRECT** What is the purpose of baffles in the fuel tank?

- A. To minimize the slushing of fuel in the tank
- B. To strengthen the fuel tank
- C. To make chambers in the fuel tank
- D. To make square and lengthy fuel tank

Q43 **CORRECT** What is the defects of air lock in the fuel system?

A. Hard running of the engine

B. erratic running of the engine

C. Smooth running of the engine

D. Continuous running of the engine

Q44 **INCORRECT** Which action the spindle only move up and down in feed pump?

A. Idling action

B. Partial action

C. Normal action

D. pumping action