

ITI Quiz - 05-May-2026

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Q. ID: ITISKILL9966K2

May 2026

Iti

Answer Key

Duration: 30 Mins

Total Marks: 44

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

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

Answer: D) Heavy motor vehicle

2. Which is the process of fuel bleeding system?

- A) Remove the air
- B) Pressurize the air
- C) Pump the air
- D) Burn the air

Answer: A) Remove the air

3. Which type of engine has common rail direct fuel injection system?

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

Answer: C) Diesel engine

4. What is the purpose of the EVAP canister?

- A) to trap the fuel vapour
- B) to trap the exhaust gas
- C) to trap the fresh charge
- D) to trap the leak off fuel

Answer: A) to trap the fuel vapour

5. Which is the proposed date of implementation of bharat stage - 5 in entire country?

- A) 1.4.2020
- B) 1.4.2019
- C) 1.4.2018
- D) 1.4.2025

Answer: A) 1.4.2020

6. Where the fuel feed pump of a diesel engine usually mounted?

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

Answer: A) Fuel injection pump

7. Which part connected in between inlet manifold and low pressure chamber of pneumatic governor?

- A) Stop lever cable
- B) Vacuum tube
- C) Throttle lever
- D) Accelerator cable

Answer: B) Vacuum tube

8. Which is leak proof between nozzle and nozzle body?

- A) Prevent dirty smoke
- B) Increase the power
- C) Mirror polishing finish in nozzle and body
- D) Easy starting

Answer: C) Mirror polishing finish in nozzle and body

9. Which type of fuel is recommended for catalytic converter installed engines?

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

Answer: B) Unleaded petrol

10. How much maximum fuel pressure developed in fuel injection pump?

- A) 300 to 400 Kgf/cm²
- B) 400 to 700 Kgf/cm²
- C) 200 to 300 Kgf/cm²
- D) 100 to 200 Kgf/cm²

Answer: B) 400 to 700 Kgf/cm²

11. What is the defects of air lock in the fuel system?

- A) Continuous running of the engine
- B) Smooth running of the engine
- C) Hard running of the engine
- D) erratic running of the engine

Answer: D) erratic running of the engine

12. What is acronym for DEF in selective catalytic reduction?

- A) Diesel emission fluid
- B) Diesel engine fluid
- C) Diesel engine fuse
- D) Diesel exhaust fluid

Answer: D) Diesel exhaust fluid

13. Which is develop diesel pressure in the CRDI engine?

- A) ECM
- B) High pressure pump
- C) Fuel tank
- D) Injection

Answer: B) High pressure pump

14. Where is the delivery pipe of fuel feed pump connected?

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

Answer: D) Fuel filter

15. Which governor has fitted the control rack with diaphragm?

- A) Pneumatic governor
- B) Centrifugal governor
- C) Servo governor
- D) Mechanical governor

Answer: A) Pneumatic governor

16. Where is fuel injector fitted?

- A) Cylinder block
- B) Crank case
- C) Head cover
- D) Cylinder head

Answer: D) Cylinder head

17. Which electronic device controls the engine system?

- A) Switch
- B) Fuse
- C) Ecm
- D) Regulator

Answer: C) Ecm

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

- A) $CO + \frac{1}{2}O_2 \rightarrow CO_2$
- B) $HC + \frac{5}{2}O_2 \rightarrow CO_2 + H_2O$
- C) $C + CO_2 \rightarrow 2CO$
- D) $NO + \frac{1}{2}O_2 \rightarrow NO_2$

Answer: C) $C + CO_2 \rightarrow 2CO$

19. Which action the spindle only move up and down in feed pump?

- A) Idling action
- B) Normal action
- C) pumping action
- D) Partial action

Answer: A) Idling action

20. What does EPA refers to environment?

- A) Environmental prevention act
- B) Environmental protection agency
- C) Environmental provision act
- D) Environmental provision agency

Answer: B) Environmental protection agency

21. How many fuel chamber's are in HEUI?

- A) One
- B) Two
- C) Four
- D) Three

Answer: B) Two

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

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

Answer: A) From exhaust manifold

23. How the quantity of fuel delivery vary in a running diesel engine?

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

Answer: B) By control rack

24. Which valve is maintaining in the high pressure FIP pipe line?

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

Answer: D) Delivery valve

25. Where is connected the EVAP canister outlet?

- A) Exhaust manifold
- B) Fuel tank
- C) Intet manifold
- D) Catalyst converter

Answer: C) Intet manifold

26. 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

Answer: C) Linear electronic controlled valve

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

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

Answer: B) HC

28. Where is the pressure discharge valve is fitted in CRDI fuel system?

- A) Fuel pump
- B) Common rail
- C) Fuel filter
- D) Injectors

Answer: B) Common rail

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

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

Answer: D) Catalytic converter

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

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

Answer: A) Diesel engine

31. Which type of vehicle emission is measured in ?g/Km??

- A) Light motor vehicle (LMV) only
- B) Heavy motor vehicles (HMV)
- C) Two wheeler and LMV
- D) Two wheeler only

Answer: C) Two wheeler and LMV

32. How the CRDI injectors pressure control valve operated?

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

Answer: B) Electronically

33. What is acronym for SCR in emission control system?

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

Answer: B) Selective catalytic reduction

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

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

Answer: B) Hydro carbon

35. What is the acronym for EGR in emission control system?

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

Answer: C) Exhaust gas recirculation

36. 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

Answer: A) Engine is at rest

37. Which fuel related with cetane number?

- A) Kerosene B) Coal
C) Diesel D) Petrol

Answer: C) Diesel

38. Which is a colourless, odourless tasteless and high toxic gas?

- A) NO_x B) CO
C) CO₂ D) SO_x

Answer: B) CO

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

- A) Corrosive Wear of engine parts B) Fungus in the cylinder walls

- C) In complete combustion D) Pitting in the engine parts

Answer: A) Corrosive Wear of engine parts

40. How much pressure develop the CRDI- diesel engine pump?

- A) 100 - 200 bar B) 600 - 1000 bar
C) 200 - 600 bar D) 1000 - 1600 bar

Answer: D) 1000 - 1600 bar

41. What is the function of heater plug?

- A) Warm up combustion chamber B) Warm up fuel pump
C) Warm up valves D) Warm up injector

Answer: A) Warm up combustion chamber

42. When does a fresh charge escapes from the petrol engine exhaust?

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

Answer: A) During valve overlap

43. What is the purpose of baffles in the fuel tank?

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

Answer: B) To minimize the slushing of fuel in the tank

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

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

Answer: D) Positive crank case ventilation