

ITI Quiz - 11-May-2026

06:50 PM

Q. ID: ITISKILL2274LX

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 23

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1. Which fuel related with cetane number?

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

Answer: D) Diesel

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

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

Answer: C) Delivery valve

3. Where is fuel injector fitted?

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

Answer: C) Cylinder head

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

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

Answer: B) High pressure pump

5. 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

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

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

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

Answer: D) Diesel engine

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

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

Answer: C) Mirror polishing finish in nozzle and body

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

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

Answer: D) 1000 - 1600 bar

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

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

Answer: A) Vacuum tube

10. Which is the process of fuel bleeding system?

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

Answer: A) Remove the air

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

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

Answer: A) erratic running of the engine

12. When do we use the hand priming pump?

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

Answer: B) Engine is at rest

13. How the CRDI injectors pressure control valve operated?

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

Answer: C) Electronically

14. 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

15. What is the function of heater plug?

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

Answer: D) Warm up combustion chamber

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

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

Answer: A) By control rack

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

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

Answer: D) Pneumatic governor

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

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

Answer: D) Fuel injection pump

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

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

Answer: A) Two

20. Where is the pressure discharge valve is fitted in CRDI

fuel system?

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

Answer: D) Common rail

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

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

Answer: A) Fuel filter

22. Which electronic device controls the engine system?

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

Answer: C) Ecm

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

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

Answer: D) 400 to 700 Kgf/cm²