

# ITI Quiz - 09-May-2026

## 07:05 PM

Q. ID: ITISKILL5349TP

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 23

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1. What is the function of heater plug?

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

Answer: C) Warm up combustion chamber

2. Where is fuel injector fitted?

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

Answer: B) Cylinder head

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

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

Answer: B) erratic running of the engine

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

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

Answer: C) Delivery valve

5. When do we use the hand priming pump?

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

Answer: D) Engine is at rest

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

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

Answer: A) Diesel engine

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

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

Answer: B) Vacuum tube

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

- A) 600 - 1000 bar  
B) 1000 - 1600 bar

- C) 100 - 200 bar  
D) 200 - 600 bar

Answer: B) 1000 - 1600 bar

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

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

Answer: A) Pneumatic governor

10. Which electronic device controls the engine system?

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

Answer: A) Ecm

11. 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

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

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

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

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

- A) 100 to 200 Kgf/cm<sup>2</sup>  
B) 400 to 700 Kgf/cm<sup>2</sup>  
C) 200 to 300 Kgf/cm<sup>2</sup>  
D) 300 to 400 Kgf/cm<sup>2</sup>

Answer: B) 400 to 700 Kgf/cm<sup>2</sup>

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

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

Answer: A) Fuel filter

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

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

**Answer: C) By control rack**

**16.** How the CRDI injectors pressure control valve operated?

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

**Answer: A) Electronically**

**17.** How many fuel chamber's are in HEUI?

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

**Answer: A) Two**

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

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

**Answer: B) Common rail**

**19.** Which fuel related with cetane number?

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

**Answer: D) Diesel**

**20.** Which is develop diesel pressure in the CRDI engine?

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

**Answer: C) High pressure pump**

**21.** Which is leak proof between nozzle and nozzle body?

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

**Answer: D) Mirror polishing finish in nozzle and body**

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

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

**Answer: B) Fuel injection pump**

**23.** Which is the process of fuel bleeding system?

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

**Answer: C) Remove the air**