

ITI Quiz - 13-May-2026

06:18 PM

Q. ID: ITISKILL24969N

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 23

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

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

Answer: C) Fuel filter

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

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

Answer: B) Idling action

3. Where is fuel injector fitted?

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

Answer: D) Cylinder head

4. How the CRDI injectors pressure control valve operated?

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

Answer: A) Electronically

5. What is the function of heater plug?

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

Answer: D) Warm up combustion chamber

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

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

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

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

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

Answer: D) 1000 - 1600 bar

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

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

- C) 200 to 300 Kgf/cm² D) 300 to 400 Kgf/cm²

Answer: B) 400 to 700 Kgf/cm²

9. Which fuel related with cetane number?

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

Answer: D) Diesel

10. When do we use the hand priming pump?

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

Answer: A) Engine is at rest

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

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

Answer: B) By control rack

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

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

Answer: C) Two

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

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

Answer: B) erratic running of the engine

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

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

Answer: A) Mirror polishing finish in nozzle and body

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

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

Answer: D) Delivery valve

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

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

Answer: C) Fuel injection pump

17. 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

18. Which electronic device controls the engine system?

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

Answer: D) Ecm

19. 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

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

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

Answer: B) Pneumatic governor

21. Which is the process of fuel bleeding system?

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

Answer: C) Remove the air

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

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

Answer: D) Vacuum tube

23. 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
