

ITI Quiz - 12-May-2026

06:50 PM

Q. ID: ITISKILL26816L

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 23

Q.ID: ITISKILL26816L

1. What is the function of heater plug?

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

Answer: A) Warm up combustion chamber

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

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

Answer: C) Fuel filter

3. Which fuel related with cetane number?

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

Answer: B) Diesel

4. Where is fuel injector fitted?

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

Answer: B) Cylinder head

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

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

Answer: B) Fuel injection pump

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

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

Answer: B) Common rail

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

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

Answer: A) Diesel engine

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

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

Answer: C) High pressure pump

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

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

Answer: B) 1000 - 1600 bar

10. How the CRDI injectors pressure control valve operated?

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

Answer: C) Electronically

11. Which electronic device controls the engine system?

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

Answer: A) Ecm

12. 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

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

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

Answer: A) erratic running of the engine

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

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

Answer: D) Mirror polishing finish in nozzle and body

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

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

Answer: A) 400 to 700 Kgf/cm²

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

- A) Four
- C) Three

- B) Two
- D) One

Answer: B) Two

17. Which is the process of fuel bleeding system?

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

Answer: C) Remove the air

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

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

Answer: D) Idling action

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

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

Answer: A) By control rack

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

- A) To make square and lengthy fuel tank
- C) To strengthen the fuel tank

- B) To minimize the slushing of fuel in the tank
- D) To make chambers in the fuel tank

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

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

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

Answer: C) Delivery valve

22. When do we use the hand priming pump?

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

Answer: D) Engine is at rest

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

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

Answer: A) Vacuum tube
