

ITI Quiz - 12-May-2026

06:50 PM

Q. ID: ITISKILL2866S6

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 23

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1. 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

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

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

Answer: B) Common rail

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

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

Answer: A) 400 to 700 Kgf/cm²

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

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

Answer: A) Fuel filter

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

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

Answer: C) Diesel engine

6. Where is fuel injector fitted?

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

Answer: B) Cylinder head

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

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

Answer: C) Pneumatic governor

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

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

Answer: B) Mirror polishing finish in nozzle and body

9. How the CRDI injectors pressure control valve operated?

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

Answer: D) Electronically

10. 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

11. Which is the process of fuel bleeding system?

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

Answer: C) Remove the air

12. Which fuel related with cetane number?

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

Answer: D) Diesel

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

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

Answer: B) Delivery valve

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

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

Answer: B) Idling action

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

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

Answer: C) Two

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

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

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

17. 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

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

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

Answer: D) High pressure pump

19. What is the function of heater plug?

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

Answer: B) Warm up combustion chamber

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

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

Answer: C) erratic running of the engine

21. 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

22. Which electronic device controls the engine system?

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

Answer: D) Ecm

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

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

Answer: D) Vacuum tube
