

# ITI Quiz - 13-May-2026

## 06:18 PM

Q. ID: ITISKILL24969N

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 23

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Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. What is the function of heater plug?

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

2. Where is fuel injector fitted?

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

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

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

4. Which electronic device controls the engine system?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

14. Which fuel related with cetane number?

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

15. When do we use the hand priming pump?

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

16. How the CRDI injectors pressure control valve operated?

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

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

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

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

- A) Plunger  
B) Control rack

C) Delivery valve

D) Barrel

19. Which is the process of fuel bleeding system?

A) Pressurize the air

B) Burn the air

C) Remove the air

D) Pump the air

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

A) Pneumatic governor

B) Mechanical governor

C) Servo governor

D) Centrifugal governor

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

A) Continuous running of the engine

B) Hard running of the engine

C) Smooth running of the engine

D) erratic running of the engine

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

A) 100 to 200

B) 200 to 300

Kgf/cm<sup>2</sup>

Kgf/cm<sup>2</sup>

C) 400 to 700

D) 300 to 400

Kgf/cm<sup>2</sup>

Kgf/cm<sup>2</sup>

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

A) To make square and lengthy fuel tank

B) To strengthen the fuel tank

C) To minimize the slushing of fuel in the tank

D) To make chambers in the fuel tank