

ITI Quiz - 11-May-2026

06:50 PM

Q. ID: ITISKILL2274LX

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 23

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Student Name: _____ Roll No: _____

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

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

2. How the CRDI injectors pressure control valve operated?

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

3. Which is the process of fuel bleeding system?

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

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

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

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

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

6. Which electronic device controls the engine system?

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

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

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

8. When do we use the hand priming pump?

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

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

- A) Fuel gallery B) Fuel injector

C) Fuel Filter

D) Fuel injection pump

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

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

11. What is the function of heater plug?

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

12. Which fuel related with cetane number?

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

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

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

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

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

15. Where is fuel injector fitted?

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

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

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

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

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

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

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

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

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

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

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

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

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

22. 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

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

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