

ITI Quiz - 12-May-2026

06:50 PM

Q. ID: ITISKILL26816L

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 23

ID: ITISKILL26816L

Student Name: _____ Roll No: _____

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

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

C) 100 - 200 bar

D) 200 - 600 bar

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

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

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

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

3. Which fuel related with cetane number?

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

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

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

4. Which electronic device controls the engine system?

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

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

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

5. 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

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

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

6. What is the function of heater plug?

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

14. Which is the process of fuel bleeding system?

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

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

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

15. 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

8. When do we use the hand priming pump?

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

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

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

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

- A) 1000 - 1600 bar B) 600 - 1000 bar

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

- A) Vacuum tube
- C) Accelerator cable

- B) Stop lever cable
- D) Throttle lever

C) Cylinder head

D) Head cover

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

A) Fuel filter

B) Injectors

C) Fuel pump

D) Common rail

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

A) Fuel tank

B) Fuel filter

C) Fuel injection pump

D) Fuel gallery

20. Where is fuel injector fitted?

A) Crank case

B) Cylinder block

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

A) Four

B) Two

C) One

D) Three

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

A) Normal action

B) Partial action

C) pumping action

D) Idling action

23. How the CRDI injectors pressure control valve operated?

A) Mechanically

B) Hydraulic

C) Manually

D) Electronically